Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042921\
Data File : VD069024.D
Acq On : 29 Apr 2021 17:59
Operator : VA/SY
Sample : M2217-09MS
Misc : 4.40G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HTCRV2-COMP-TS01-01MS

Manual Integrations APPROVED
MMDadoda
4/30/2021 11:02:44 AM

Quant Time: Apr 30 02:57:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	211741	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	333457	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.643	117	277472	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	100278	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	110163	49.23	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.46%				
35) Dibromofluoromethane	7.920	113	123503	56.94	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.88%				
50) Toluene-d8	10.338	98	412304	50.39	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.78%				
62) 4-Bromofluorobenzene	12.632	95	110672	40.73	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 81.46%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	91023	43.38	ug/l		99
3) Chloromethane	2.209	50	106073	43.00	ug/l		95
4) Vinyl Chloride	2.350	62	157575	50.85	ug/l		98
5) Bromomethane	2.767	94	113661	49.07	ug/l		97
6) Chloroethane	2.920	64	111962	54.98	ug/l		99
7) Trichlorofluoromethane	3.273	101	194237	53.27	ug/l		96
8) Diethyl Ether	3.714	74	53022	53.85	ug/l		86
9) 1,1,2-Trichlorotrifluo...	4.091	101	101481	46.12	ug/l		97
10) Methyl Iodide	4.303	142	108093	42.34	ug/l		98
11) Tert butyl alcohol	5.226	59	30717	259.74	ug/l		99
12) 1,1-Dichloroethene	4.067	96	103756	48.95	ug/l		94
13) Acrolein	3.938	56	4348	49.36	ug/l	#	63
14) Allyl chloride	4.714	41	109597	45.88	ug/l		96
15) Acrylonitrile	5.426	53	103605	234.44	ug/l		98
16) Acetone	4.162	43	75355	243.17	ug/l		99
17) Carbon Disulfide	4.409	76	285897	41.68	ug/l		98
18) Methyl Acetate	4.720	43	141600	166.33	ug/l		97
19) Methyl tert-butyl Ether	5.479	73	249502	53.05	ug/l		93
20) Methylene Chloride	4.967	84	157812	64.24	ug/l		96
21) trans-1,2-Dichloroethene	5.473	96	132588	48.72	ug/l		97
22) Diisopropyl ether	6.361	45	256870	44.38	ug/l		98
23) Vinyl Acetate	6.361	43	185223m	60.39	ug/l		
24) 1,1-Dichloroethane	6.261	63	207826	47.63	ug/l		98
25) 2-Butanone	7.214	43	104509	238.33	ug/l		94
26) 2,2-Dichloropropane	7.203	77	187771	52.68	ug/l		100
27) cis-1,2-Dichloroethene	7.208	96	149558	55.29	ug/l		96
28) Bromochloromethane	7.550	49	70883	45.00	ug/l	#	77
29) Tetrahydrofuran	7.561	42	67526	228.98	ug/l		91
30) Chloroform	7.708	83	238948	50.03	ug/l		94
31) Cyclohexane	7.985	56	120846	32.45	ug/l		96
32) 1,1,1-Trichloroethane	7.908	97	203306	48.71	ug/l		99
36) 1,1-Dichloropropene	8.108	75	160252	47.48	ug/l		98
37) Ethyl Acetate	7.291	43	28559	28.81	ug/l	#	75
38) Carbon Tetrachloride	8.097	117	176307	52.76	ug/l		97
39) Methylcyclohexane	9.355	83	115253	29.28	ug/l		96
40) Benzene	8.350	78	498265	50.45	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042921\
Data File : VD069024.D
Acq On : 29 Apr 2021 17:59
Operator : VA/SY
Sample : M2217-09MS
Misc : 4.40G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HTCRV2-COMP-TS01-01MS

Manual Integrations APPROVED
MMDadoda
4/30/2021 11:02:44 AM

Quant Time: Apr 30 02:57:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.532	41	28093m	47.87	ug/l		
42) 1,2-Dichloroethane	8.420	62	139312	53.36	ug/l		99
43) Isopropyl Acetate	8.455	43	69796	34.54	ug/l	#	56
44) Trichloroethene	9.114	130	140383	51.46	ug/l		94
45) 1,2-Dichloropropane	9.385	63	120344	51.01	ug/l	#	88
46) Dibromomethane	9.473	93	74592	56.76	ug/l		95
47) Bromodichloromethane	9.661	83	179759	52.36	ug/l		100
48) Methyl methacrylate	9.455	41	59568	59.81	ug/l	#	85
49) 1,4-Dioxane	9.461	88	16631	1195.30	ug/l		90
51) 4-Methyl-2-Pentanone	10.226	43	257577	252.86	ug/l		99
52) Toluene	10.402	92	318516	50.93	ug/l		98
53) t-1,3-Dichloropropene	10.620	75	156544	51.44	ug/l		97
54) cis-1,3-Dichloropropene	10.091	75	184534	50.70	ug/l		96
55) 1,1,2-Trichloroethane	10.796	97	101431	54.59	ug/l		94
56) Ethyl methacrylate	10.661	69	64710	33.83	ug/l		93
57) 1,3-Dichloropropane	10.944	76	160455	52.44	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.938	63	262805	257.52	ug/l		94
59) 2-Hexanone	10.985	43	167961	246.42	ug/l		96
60) Dibromochloromethane	11.138	129	126056	54.10	ug/l		99
61) 1,2-Dibromoethane	11.243	107	97406	53.94	ug/l		98
64) Tetrachloroethene	10.873	164	96819	49.78	ug/l		97
65) Chlorobenzene	11.667	112	311981	51.94	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.738	131	130799	60.57	ug/l		98
67) Ethyl Benzene	11.743	91	523656	50.35	ug/l		98
68) m/p-Xylenes	11.849	106	408464	101.78	ug/l		98
69) o-Xylene	12.179	106	191437	52.45	ug/l		94
70) Styrene	12.191	104	319249	50.19	ug/l		98
71) Bromoform	12.355	173	69114	59.74	ug/l	#	96
73) Isopropylbenzene	12.479	105	442741	60.47	ug/l		100
74) N-amyl acetate	12.285	43	21344	17.19	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.726	83	100584	73.50	ug/l		100
76) 1,2,3-Trichloropropane	12.779	75	86962m	94.93	ug/l		
77) Bromobenzene	12.761	156	117361	66.67	ug/l		95
78) n-propylbenzene	12.820	91	462571	52.01	ug/l		99
79) 2-Chlorotoluene	12.902	91	271425	54.64	ug/l		97
80) 1,3,5-Trimethylbenzene	12.955	105	339913	55.53	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.526	75	27358	69.30	ug/l		96
82) 4-Chlorotoluene	13.002	91	279655	53.11	ug/l		95
83) tert-Butylbenzene	13.220	119	274033	52.76	ug/l		98
84) 1,2,4-Trimethylbenzene	13.261	105	337900	54.65	ug/l		98
85) sec-Butylbenzene	13.396	105	316933	43.24	ug/l		99
86) p-Isopropyltoluene	13.514	119	282951	42.27	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	173605	49.78	ug/l		98
88) 1,4-Dichlorobenzene	13.590	146	170955	49.53	ug/l		99
89) n-Butylbenzene	13.837	91	195881	31.07	ug/l		99
90) Hexachloroethane	14.108	117	62277	46.71	ug/l		92
91) 1,2-Dichlorobenzene	13.885	146	150392	49.84	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	13283	63.85	ug/l		98
93) 1,2,4-Trichlorobenzene	15.155	180	51314	27.48	ug/l		98
94) Hexachlorobutadiene	15.261	225	24428	22.85	ug/l		98
95) Naphthalene	15.390	128	125891	38.71	ug/l		99
96) 1,2,3-Trichlorobenzene	15.584	180	42302	25.90	ug/l		94

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042921\
Data File : VD069024.D
Acq On : 29 Apr 2021 17:59
Operator : VA/SY
Sample : M2217-09MS
Misc : 4.40G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HTCRV2-COMP-TS01-01MS

Manual Integrations APPROVED
MMDadoda
4/30/2021 11:02:44 AM

Quant Time: Apr 30 02:57:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042921\
Data File : VD069024.D
Acq On : 29 Apr 2021 17:59
Operator : VA/SY
Sample : M2217-09MS
Misc : 4.40G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 30 02:57:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
HTCRV2-COMP-TS01-01MS

Manual Integrations APPROVED
MMDadoda
4/30/2021 11:02:44 AM