Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031621\
Data File : VD068627.D
Acq On : 16 Mar 2021 13:06
Operator : VA/SY
Sample : M1458-01 2.5PPBLOD
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations APPROVED
MMDadoda
3/17/2021 11:47:37 AM

Quant Time: Mar 17 01:19:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 17 01:19:06 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	250026	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	424836	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.644	117	390213	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	210424	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	121774	48.75	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 97.50%				
35) Dibromofluoromethane	7.920	113	126458	49.41	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.82%				
50) Toluene-d8	10.344	98	486305	47.71	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.42%				
62) 4-Bromofluorobenzene	12.632	95	159536	48.56	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.12%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	7081	2.92	ug/l		87
3) Chloromethane	2.209	50	9603	3.13	ug/l		97
4) Vinyl Chloride	2.350	62	10902	2.99	ug/l		95
5) Bromomethane	2.774	94	8610	3.32	ug/l		94
6) Chloroethane	2.927	64	6704	2.85	ug/l		99
7) Trichlorofluoromethane	3.274	101	12859	3.10	ug/l		100
8) Diethyl Ether	3.715	74	3192	2.58	ug/l		85
9) 1,1,2-Trichlorotrifluo...	4.103	101	8656	3.42	ug/l		90
10) Methyl Iodide	4.297	142	6538	2.43	ug/l	#	91
11) Tert butyl alcohol	5.226	59	1695	12.71	ug/l	#	74
12) 1,1-Dichloroethene	4.068	96	7844	3.12	ug/l		85
13) Acrolein	3.932	56	1973	10.35	ug/l		88
14) Allyl chloride	4.715	41	8747	2.70	ug/l	#	85
15) Acrylonitrile	5.426	53	7398	14.17	ug/l		98
16) Acetone	4.168	43	5548	13.98	ug/l	#	82
17) Carbon Disulfide	4.415	76	23445	2.85	ug/l	#	90
18) Methyl Acetate	4.715	43	3289	3.22	ug/l	#	87
19) Methyl tert-butyl Ether	5.485	73	16030m	2.94	ug/l		
20) Methylene Chloride	4.968	84	17244	5.12	ug/l		94
21) trans-1,2-Dichloroethene	5.473	96	9370	3.13	ug/l	#	85
22) Diisopropyl ether	6.362	45	18375	2.57	ug/l	#	92
23) Vinyl Acetate	6.309	43	38666	10.44	ug/l		97
24) 1,1-Dichloroethane	6.268	63	15112	3.09	ug/l		95
25) 2-Butanone	7.220	43	7509	13.16	ug/l		89
26) 2,2-Dichloropropane	7.209	77	12704	3.12	ug/l		100
27) cis-1,2-Dichloroethene	7.215	96	9849	2.99	ug/l		97
28) Bromochloromethane	7.556	49	5781	3.03	ug/l	#	85
29) Tetrahydrofuran	7.567	42	4747	12.82	ug/l		93
30) Chloroform	7.715	83	15055	2.91	ug/l		89
31) Cyclohexane	7.979	56	17467	3.84	ug/l	#	80
32) 1,1,1-Trichloroethane	7.903	97	13534	3.07	ug/l	#	92
36) 1,1-Dichloropropene	8.114	75	12006	2.97	ug/l		91
37) Ethyl Acetate	7.309	43	3852	2.87	ug/l	#	65
38) Carbon Tetrachloride	8.091	117	12164	3.21	ug/l		87
39) Methylcyclohexane	9.356	83	15435	3.10	ug/l		96
40) Benzene	8.350	78	32991	2.85	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031621\
Data File : VD068627.D
Acq On : 16 Mar 2021 13:06
Operator : VA/SY
Sample : M1458-01 2.5PPBLOD
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations APPROVED
MMDadoda
3/17/2021 11:47:37 AM

Quant Time: Mar 17 01:19:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 17 01:19:06 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.532	41	2431	3.13	ug/l	#	43
42) 1,2-Dichloroethane	8.426	62	9115	2.99	ug/l		94
43) Isopropyl Acetate	8.456	43	6365	2.58	ug/l		93
44) Trichloroethene	9.109	130	9059	2.85	ug/l		81
45) 1,2-Dichloropropane	9.391	63	8344	3.01	ug/l	#	87
46) Dibromomethane	9.479	93	4667	3.10	ug/l		89
47) Bromodichloromethane	9.667	83	10694	2.74	ug/l		90
48) Methyl methacrylate	9.456	41	3684	2.81	ug/l		96
49) 1,4-Dioxane	9.473	88	872	50.76	ug/l		93
51) 4-Methyl-2-Pentanone	10.226	43	14958	11.61	ug/l		94
52) Toluene	10.408	92	22391	3.03	ug/l		99
53) t-1,3-Dichloropropene	10.626	75	10093	2.80	ug/l		99
54) cis-1,3-Dichloropropene	10.091	75	12721	2.89	ug/l	#	87
55) 1,1,2-Trichloroethane	10.803	97	5596	2.68	ug/l	#	80
56) Ethyl methacrylate	10.661	69	5715	2.38	ug/l	#	88
57) 1,3-Dichloropropane	10.950	76	9421	2.59	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.944	63	16339	13.59	ug/l		95
59) 2-Hexanone	10.985	43	10853	12.64	ug/l		98
60) Dibromochloromethane	11.144	129	7202	2.79	ug/l		97
61) 1,2-Dibromoethane	11.244	107	6205	3.04	ug/l		94
64) Tetrachloroethene	10.873	164	8201	3.22	ug/l		93
65) Chlorobenzene	11.673	112	22436	2.82	ug/l	#	87
66) 1,1,1,2-Tetrachloroethane	11.744	131	8369	3.03	ug/l		97
67) Ethyl Benzene	11.744	91	40449	2.85	ug/l		96
68) m/p-Xylenes	11.850	106	30490	5.66	ug/l		93
69) o-Xylene	12.179	106	13676	2.76	ug/l		94
70) Styrene	12.197	104	22141	2.61	ug/l		96
71) Bromoform	12.361	173	4269	3.04	ug/l	#	94
73) Isopropylbenzene	12.479	105	35799	2.29	ug/l		98
74) N-amyl acetate	12.285	43	5979	2.25	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.732	83	7041	2.62	ug/l		95
76) 1,2,3-Trichloropropane	12.785	75	5350m	2.86	ug/l		
77) Bromobenzene	12.755	156	9387	2.64	ug/l		89
78) n-propylbenzene	12.820	91	49501	2.65	ug/l		98
79) 2-Chlorotoluene	12.908	91	27906	2.70	ug/l		99
80) 1,3,5-Trimethylbenzene	12.955	105	32765	2.56	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.520	75	1831m	2.29	ug/l		
82) 4-Chlorotoluene	13.002	91	28588	2.63	ug/l		99
83) tert-Butylbenzene	13.220	119	29325	2.69	ug/l		99
84) 1,2,4-Trimethylbenzene	13.267	105	30745	2.40	ug/l		97
85) sec-Butylbenzene	13.397	105	39327	2.56	ug/l		100
86) p-Isopropyltoluene	13.514	119	37075	2.65	ug/l		98
87) 1,3-Dichlorobenzene	13.508	146	20433	2.97	ug/l		93
88) 1,4-Dichlorobenzene	13.591	146	21138	3.10	ug/l		86
89) n-Butylbenzene	13.838	91	35445	2.63	ug/l		97
90) Hexachloroethane	14.108	117	6311	2.27	ug/l		89
91) 1,2-Dichlorobenzene	13.885	146	17951	3.04	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.502	75	1189	2.51	ug/l		80
93) 1,2,4-Trichlorobenzene	15.155	180	13407	2.94	ug/l		94
94) Hexachlorobutadiene	15.261	225	7245	2.86	ug/l		96
95) Naphthalene	15.396	128	19624	2.38	ug/l		96
96) 1,2,3-Trichlorobenzene	15.591	180	10536	2.67	ug/l		97

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031621\
Data File : VD068627.D
Acq On : 16 Mar 2021 13:06
Operator : VA/SY
Sample : M1458-01 2.5PPBLOD
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations APPROVED
MMDadoda
3/17/2021 11:47:37 AM

Quant Time: Mar 17 01:19:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 17 01:19:06 2021
Response via : Initial Calibration

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

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031621\
Data File : VD068627.D
Acq On : 16 Mar 2021 13:06
Operator : VA/SY
Sample : M1458-01 2.5PPBLOD
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 17 01:19:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 17 01:19:06 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations APPROVED
MMDadoda
3/17/2021 11:47:37 AM