Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD113020\
Data File : VD067825.D
Acq On : 30 Nov 2020 20:10
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
12/1/2020 12:43:49 PM

Quant Time: Dec 01 01:06:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 24 00:51:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.98	168	210040	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.87	114	315799	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.65	117	279042	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	148883	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.33	65	116077	56.84	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.68%				
35) Dibromofluoromethane	7.91	113	103033	51.27	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.54%				
50) Toluene-d8	10.34	98	377865	51.43	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.86%				
62) 4-Bromofluorobenzene	12.64	95	126613	50.41	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.82%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.99	85	90635	49.586	ug/l		98
3) Chloromethane	2.20	50	49179	48.329	ug/l		100
4) Vinyl Chloride	2.35	62	60393	47.363	ug/l		97
5) Bromomethane	2.77	94	53983	49.690	ug/l		84
6) Chloroethane	2.92	64	40318	47.442	ug/l		99
7) Trichlorofluoromethane	3.27	101	199616	51.301	ug/l		97
8) Diethyl Ether	3.71	74	38705	49.268	ug/l		95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	89752	48.169	ug/l		100
10) Methyl Iodide	4.30	142	91869	48.170	ug/l		100
11) Tert butyl alcohol	5.23	59	29785	283.071	ug/l		98
12) 1,1-Dichloroethene	4.07	96	81394	47.209	ug/l		98
13) Acrolein	3.91	56	17980	212.405	ug/l		93
14) Allyl chloride	4.71	41	79789	47.874	ug/l		94
15) Acrylonitrile	5.42	53	71131	259.961	ug/l		97
16) Acetone	4.16	43	65174	247.028	ug/l	#	88
17) Carbon Disulfide	4.40	76	234363	46.998	ug/l		98
18) Methyl Acetate	4.73	43	26633	50.176	ug/l		99
19) Methyl tert-butyl Ether	5.48	73	201831	54.774	ug/l		98
20) Methylene Chloride	4.96	84	96853	48.251	ug/l		94
21) trans-1,2-Dichloroethene	5.47	96	100258	51.148	ug/l		94
22) Diisopropyl ether	6.36	45	163494	49.696	ug/l		92
23) Vinyl Acetate	6.31	43	497789	268.237	ug/l		96
24) 1,1-Dichloroethane	6.26	63	143085	51.299	ug/l		99
25) 2-Butanone	7.21	43	75071	253.568	ug/l		99
26) 2,2-Dichloropropane	7.21	77	159645	48.517	ug/l		99
27) cis-1,2-Dichloroethene	7.21	96	107147	51.283	ug/l		98
28) Bromochloromethane	7.55	49	47887	53.598	ug/l		96
29) Tetrahydrofuran	7.57	42	43262	257.011	ug/l		92
30) Chloroform	7.71	83	188084	51.567	ug/l		97
31) Cyclohexane	7.99	56	103111	41.727	ug/l		95
32) 1,1,1-Trichloroethane	7.90	97	197727	51.188	ug/l		99
36) 1,1-Dichloropropene	8.11	75	127175	46.930	ug/l		98
37) Ethyl Acetate	7.29	43	35534	48.765	ug/l		96
38) Carbon Tetrachloride	8.10	117	191690	48.799	ug/l		98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD113020\
Data File : VD067825.D
Acq On : 30 Nov 2020 20:10
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
12/1/2020 12:43:49 PM

Quant Time: Dec 01 01:06:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 24 00:51:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.36	83	156604	48.832	ug/l		99
40) Benzene	8.36	78	367216	49.339	ug/l		98
41) Methacrylonitrile	7.54	41	19764m	53.116	ug/l		
42) 1,2-Dichloroethane	8.43	62	135847	53.794	ug/l		98
43) Isopropyl Acetate	8.46	43	74539	51.223	ug/l		97
44) Trichloroethene	9.11	130	124362	50.416	ug/l		98
45) 1,2-Dichloropropane	9.39	63	75040	49.137	ug/l		91
46) Dibromomethane	9.48	93	54231	52.160	ug/l		96
47) Bromodichloromethane	9.66	83	152825	52.785	ug/l		92
48) Methyl methacrylate	9.46	41	35994	49.476	ug/l		93
49) 1,4-Dioxane	9.46	88	12646	1122.335	ug/l		93
51) 4-Methyl-2-Pentanone	10.23	43	183013	267.274	ug/l		99
52) Toluene	10.41	92	259301	51.357	ug/l		98
53) t-1,3-Dichloropropene	10.63	75	128333	50.735	ug/l		99
54) cis-1,3-Dichloropropene	10.10	75	142247	49.691	ug/l		97
55) 1,1,2-Trichloroethane	10.80	97	70533	50.560	ug/l		97
56) Ethyl methacrylate	10.66	69	78410	54.289	ug/l		99
57) 1,3-Dichloropropane	10.95	76	109661	49.856	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.94	63	199028	294.921	ug/l		96
59) 2-Hexanone	10.99	43	120811	249.895	ug/l		99
60) Dibromochloromethane	11.14	129	105379	49.571	ug/l		98
61) 1,2-Dibromoethane	11.25	107	68961	50.170	ug/l		99
64) Tetrachloroethene	10.88	164	110206	50.886	ug/l		92
65) Chlorobenzene	11.67	112	281874	51.396	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.74	131	115944	52.263	ug/l		98
67) Ethyl Benzene	11.75	91	487689	51.509	ug/l		99
68) m/p-Xylenes	11.86	106	376263	102.122	ug/l		99
69) o-Xylene	12.18	106	175994	52.463	ug/l		99
70) Styrene	12.20	104	299698	52.450	ug/l		100
71) Bromoform	12.36	173	62772	52.123	ug/l	#	99
73) Isopropylbenzene	12.48	105	484838	49.494	ug/l		100
74) N-amyl acetate	12.29	43	63578	49.216	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.73	83	65939	50.157	ug/l		94
76) 1,2,3-Trichloropropane	12.78	75	48798m	47.028	ug/l		
77) Bromobenzene	12.76	156	125388	51.134	ug/l		97
78) n-propylbenzene	12.83	91	553550	50.792	ug/l		100
79) 2-Chlorotoluene	12.91	91	318421	49.348	ug/l		98
80) 1,3,5-Trimethylbenzene	12.96	105	434550	51.003	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.53	75	22578	50.892	ug/l		95
82) 4-Chlorotoluene	13.01	91	344119	50.051	ug/l		99
83) tert-Butylbenzene	13.23	119	360488	49.238	ug/l		96
84) 1,2,4-Trimethylbenzene	13.27	105	435192	51.132	ug/l		99
85) sec-Butylbenzene	13.40	105	470139	48.880	ug/l		99
86) p-Isopropyltoluene	13.52	119	464728	49.885	ug/l		98
87) 1,3-Dichlorobenzene	13.52	146	236287	49.789	ug/l		97
88) 1,4-Dichlorobenzene	13.60	146	235974	50.195	ug/l		100
89) n-Butylbenzene	13.84	91	393970	49.349	ug/l		99
90) Hexachloroethane	14.11	117	88413	49.854	ug/l		98
91) 1,2-Dichlorobenzene	13.89	146	202609	49.559	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	13966	49.274	ug/l		90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD113020\
Data File : VD067825.D
Acq On : 30 Nov 2020 20:10
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
12/1/2020 12:43:49 PM

Quant Time: Dec 01 01:06:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 24 00:51:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	154793	53.475 ug/l	99
94) Hexachlorobutadiene	15.27	225	94260	50.965 ug/l	98
95) Naphthalene	15.40	128	258346	55.146 ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	131835	53.468 ug/l	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD113020\
Data File : VD067825.D
Acq On : 30 Nov 2020 20:10
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 01 01:06:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 24 00:51:35 2020
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
12/1/2020 12:43:49 PM