Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102021\
Data File : VD070769.D
Acq On : 20 Oct 2021 12:04
Operator : VA/SY
Sample : VD1020SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 21 05:36:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 18 08:32:03 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01

Manual Integrations APPROVED
MMDadoda
10/21/2021 6:54:37 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	402709	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.861	114	692540	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.638	117	664505	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	323962	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.326	65	240106	50.34	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.68%				
35) Dibromofluoromethane	7.909	113	216808	48.89	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.78%				
50) Toluene-d8	10.332	98	842462	49.56	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.12%				
62) 4-Bromofluorobenzene	12.620	95	294384	50.30	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.985	85	85841	18.23	ug/l		99
3) Chloromethane	2.209	50	133824	19.16	ug/l		92
4) Vinyl Chloride	2.344	62	132067	18.45	ug/l		100
5) Bromomethane	2.756	94	87951	20.15	ug/l		96
6) Chloroethane	2.909	64	87235	19.35	ug/l		97
7) Trichlorofluoromethane	3.268	101	152623	18.86	ug/l		99
8) Diethyl Ether	3.709	74	40721	18.88	ug/l		78
9) 1,1,2-Trichlorotrifluo...	4.097	101	94922	19.61	ug/l		99
10) Methyl Iodide	4.297	142	76349	17.51	ug/l		96
11) Tert butyl alcohol	5.220	59	25751	96.44	ug/l		98
12) 1,1-Dichloroethene	4.062	96	82294	18.80	ug/l		96
13) Acrolein	3.921	56	23569	91.20	ug/l		96
14) Allyl chloride	4.709	41	156135	18.84	ug/l	#	92
15) Acrylonitrile	5.420	53	111046	97.80	ug/l		99
16) Acetone	4.150	43	104342	90.70	ug/l		92
17) Carbon Disulfide	4.409	76	286917	17.99	ug/l		98
18) Methyl Acetate	4.715	43	78063	19.52	ug/l	#	85
19) Methyl tert-butyl Ether	5.473	73	183373	19.38	ug/l		97
20) Methylene Chloride	4.962	84	143883	21.11	ug/l	#	90
21) trans-1,2-Dichloroethene	5.468	96	96763	19.27	ug/l		88
22) Diisopropyl ether	6.362	45	324239	20.10	ug/l		92
23) Vinyl Acetate	6.309	43	697072	92.55	ug/l	#	92
24) 1,1-Dichloroethane	6.256	63	198236	19.72	ug/l		98
25) 2-Butanone	7.209	43	134628	94.73	ug/l	#	80
26) 2,2-Dichloropropane	7.209	77	157218	19.78	ug/l		98
27) cis-1,2-Dichloroethene	7.209	96	107208	19.91	ug/l		91
28) Bromochloromethane	7.544	49	85099	21.30	ug/l		84
29) Tetrahydrofuran	7.556	42	81999	94.25	ug/l	#	85
30) Chloroform	7.703	83	196659	20.03	ug/l		97
31) Cyclohexane	7.979	56	171523	17.77	ug/l		90
32) 1,1,1-Trichloroethane	7.903	97	165665	19.89	ug/l		96
36) 1,1-Dichloropropene	8.109	75	142251	18.44	ug/l		96
37) Ethyl Acetate	7.291	43	63091	19.74	ug/l	#	90
38) Carbon Tetrachloride	8.097	117	137119	18.56	ug/l		93
39) Methylcyclohexane	9.350	83	145520	16.73	ug/l	#	86
40) Benzene	8.344	78	423938	19.08	ug/l		96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102021\
Data File : VD070769.D
Acq On : 20 Oct 2021 12:04
Operator : VA/SY
Sample : VD1020SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01

Manual Integrations APPROVED
MMDadoda
10/21/2021 6:54:37 PM

Quant Time: Oct 21 05:36:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 18 08:32:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.514	41	35828m	19.03	ug/l		
42) 1,2-Dichloroethane	8.414	62	123636	19.61	ug/l		95
43) Isopropyl Acetate	8.450	43	112428	18.44	ug/l		95
44) Trichloroethene	9.114	130	97534	18.69	ug/l		95
45) 1,2-Dichloropropane	9.379	63	116663	19.87	ug/l		99
46) Dibromomethane	9.467	93	53412	19.00	ug/l		92
47) Bromodichloromethane	9.656	83	144535	19.38	ug/l		95
48) Methyl methacrylate	9.456	41	51089	17.11	ug/l	#	86
49) 1,4-Dioxane	9.461	88	10975	363.58	ug/l	#	87
51) 4-Methyl-2-Pentanone	10.220	43	298995	93.04	ug/l		89
52) Toluene	10.403	92	252598	19.10	ug/l		92
53) t-1,3-Dichloropropene	10.614	75	126257	18.95	ug/l		97
54) cis-1,3-Dichloropropene	10.085	75	152453	19.12	ug/l	#	86
55) 1,1,2-Trichloroethane	10.797	97	74098	19.19	ug/l		92
56) Ethyl methacrylate	10.655	69	81687	18.41	ug/l	#	80
57) 1,3-Dichloropropane	10.938	76	133096	19.43	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.938	63	195131	95.96	ug/l		92
59) 2-Hexanone	10.979	43	208324	92.10	ug/l		84
60) Dibromochloromethane	11.132	129	86902	19.58	ug/l		97
61) 1,2-Dibromoethane	11.238	107	66723	18.89	ug/l		98
64) Tetrachloroethene	10.873	164	80711	18.08	ug/l		90
65) Chlorobenzene	11.661	112	260404	19.11	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.732	131	98809	19.60	ug/l		99
67) Ethyl Benzene	11.738	91	454174	18.23	ug/l		100
68) m/p-Xylenes	11.844	106	351641	37.25	ug/l		93
69) o-Xylene	12.173	106	158555	18.52	ug/l		98
70) Styrene	12.185	104	283732	19.06	ug/l		97
71) Bromoform	12.350	173	49354	18.85	ug/l	#	100
73) Isopropylbenzene	12.473	105	415473	18.00	ug/l		99
74) N-amyl acetate	12.279	43	110313	18.36	ug/l	#	87
75) 1,1,2,2-Tetrachloroethane	12.720	83	88579	19.40	ug/l		98
76) 1,2,3-Trichloropropane	12.773	75	66871m	23.89	ug/l		
77) Bromobenzene	12.749	156	97244	18.61	ug/l		96
78) n-propylbenzene	12.808	91	555931	18.53	ug/l		98
79) 2-Chlorotoluene	12.897	91	331904	19.14	ug/l		98
80) 1,3,5-Trimethylbenzene	12.949	105	370699	19.00	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.514	75	22348	17.49	ug/l	#	85
82) 4-Chlorotoluene	12.997	91	353284	19.26	ug/l		98
83) tert-Butylbenzene	13.214	119	286921	17.79	ug/l		93
84) 1,2,4-Trimethylbenzene	13.255	105	373219	19.24	ug/l		98
85) sec-Butylbenzene	13.391	105	464825	18.34	ug/l		99
86) p-Isopropyltoluene	13.502	119	376543	18.48	ug/l		99
87) 1,3-Dichlorobenzene	13.502	146	209615	19.10	ug/l		100
88) 1,4-Dichlorobenzene	13.585	146	208005	19.19	ug/l		99
89) n-Butylbenzene	13.832	91	367650	17.88	ug/l		97
90) Hexachloroethane	14.096	117	81066	18.44	ug/l		90
91) 1,2-Dichlorobenzene	13.879	146	176975	18.87	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	13335	18.31	ug/l		90
93) 1,2,4-Trichlorobenzene	15.143	180	101356	18.89	ug/l		97
94) Hexachlorobutadiene	15.249	225	63115	17.94	ug/l		99
95) Naphthalene	15.385	128	158631	18.47	ug/l		98
96) 1,2,3-Trichlorobenzene	15.579	180	86865	18.22	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102021\
Data File : VD070769.D
Acq On : 20 Oct 2021 12:04
Operator : VA/SY
Sample : VD1020SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01

Manual Integrations APPROVED
MMDadoda
10/21/2021 6:54:37 PM

Quant Time: Oct 21 05:36:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 18 08:32:03 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\VD102021\
Data File : VD070769.D
Acq On : 20 Oct 2021 12:04
Operator : VA/SY
Sample : VD1020SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 21 05:36:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 18 08:32:03 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01

Manual Integrations APPROVED
MMDadoda
10/21/2021 6:54:37 PM