Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101121\
Data File : VD070655.D
Acq On : 11 Oct 2021 12:51
Operator : VA/SY
Sample : VD1011SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1011SBSD01

Manual Integrations APPROVED
MMDadoda
10/15/2021 1:18:15 AM

Quant Time: Oct 12 05:39:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 06 09:10:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	322517	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.861	114	592055	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.638	117	555664	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	261401	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.326	65	193168	50.89	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.78%				
35) Dibromofluoromethane	7.914	113	200698	50.99	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.98%				
50) Toluene-d8	10.332	98	771831	51.29	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.58%				
62) 4-Bromofluorobenzene	12.620	95	260205	51.74	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.48%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.985	85	77053	19.59	ug/l		100
3) Chloromethane	2.209	50	100158	20.51	ug/l		98
4) Vinyl Chloride	2.350	62	112748	20.83	ug/l		99
5) Bromomethane	2.756	94	77918	21.68	ug/l		98
6) Chloroethane	2.915	64	66354	19.20	ug/l		96
7) Trichlorofluoromethane	3.268	101	147662	21.05	ug/l		96
8) Diethyl Ether	3.703	74	37650	20.63	ug/l		94
9) 1,1,2-Trichlorotrifluo...	4.091	101	85854	20.20	ug/l		99
10) Methyl Iodide	4.297	142	77702	18.35	ug/l		99
11) Tert butyl alcohol	5.226	59	20108	106.94	ug/l	#	83
12) 1,1-Dichloroethene	4.062	96	81672	21.58	ug/l		89
13) Acrolein	3.921	56	17645	97.74	ug/l		98
14) Allyl chloride	4.715	41	105681	20.06	ug/l		98
15) Acrylonitrile	5.426	53	83179	105.06	ug/l		99
16) Acetone	4.156	43	64173	99.56	ug/l		96
17) Carbon Disulfide	4.403	76	272815	19.74	ug/l		97
18) Methyl Acetate	4.715	43	52929	21.28	ug/l		99
19) Methyl tert-butyl Ether	5.479	73	163741	21.72	ug/l		92
20) Methylene Chloride	4.962	84	116058	19.81	ug/l		96
21) trans-1,2-Dichloroethene	5.473	96	92095	20.69	ug/l		90
22) Diisopropyl ether	6.362	45	235164	21.73	ug/l		95
23) Vinyl Acetate	6.303	43	495701	100.74	ug/l		99
24) 1,1-Dichloroethane	6.262	63	166800	20.92	ug/l		97
25) 2-Butanone	7.209	43	85691	101.54	ug/l		92
26) 2,2-Dichloropropane	7.209	77	138312	20.97	ug/l		97
27) cis-1,2-Dichloroethene	7.209	96	103350	22.09	ug/l		96
28) Bromochloromethane	7.544	49	51431	18.53	ug/l		98
29) Tetrahydrofuran	7.561	42	57516	105.74	ug/l		98
30) Chloroform	7.709	83	174242	21.01	ug/l		98
31) Cyclohexane	7.985	56	142629	20.29	ug/l	#	96
32) 1,1,1-Trichloroethane	7.897	97	152120	21.30	ug/l		98
36) 1,1-Dichloropropene	8.109	75	128110	20.37	ug/l		98
37) Ethyl Acetate	7.291	43	44102	21.11	ug/l		98
38) Carbon Tetrachloride	8.097	117	136716	20.78	ug/l		99
39) Methylcyclohexane	9.350	83	143999	19.91	ug/l		98
40) Benzene	8.350	78	382926	20.66	ug/l		95

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41) Methacrylonitrile	7.526	41	20649m	19.17	ug/l		
42) 1,2-Dichloroethane	8.420	62	96815	20.20	ug/l		99
43) Isopropyl Acetate	8.450	43	76430	19.97	ug/l		97
44) Trichloroethene	9.108	130	94355	20.65	ug/l		95
45) 1,2-Dichloropropane	9.385	63	96288	20.36	ug/l		96
46) Dibromomethane	9.473	93	48883	20.14	ug/l		98
47) Bromodichloromethane	9.656	83	127293	20.32	ug/l		99
48) Methyl methacrylate	9.450	41	39407	21.96	ug/l		98
49) 1,4-Dioxane	9.461	88	10248	415.45	ug/l		95
51) 4-Methyl-2-Pentanone	10.220	43	199539	101.04	ug/l		98
52) Toluene	10.397	92	242338	21.28	ug/l		99
53) t-1,3-Dichloropropene	10.614	75	114107	20.81	ug/l		98
54) cis-1,3-Dichloropropene	10.085	75	138407	20.97	ug/l		99
55) 1,1,2-Trichloroethane	10.791	97	68410	20.69	ug/l		97
56) Ethyl methacrylate	10.655	69	74214	19.65	ug/l		99
57) 1,3-Dichloropropane	10.944	76	115351	20.50	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.938	63	157974	99.14	ug/l		99
59) 2-Hexanone	10.979	43	136987	93.41	ug/l		97
60) Dibromochloromethane	11.132	129	81886	20.55	ug/l		99
61) 1,2-Dibromoethane	11.238	107	63483	20.62	ug/l		100
64) Tetrachloroethene	10.867	164	74523	20.92	ug/l		94
65) Chlorobenzene	11.661	112	248259	20.95	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.738	131	90084	20.44	ug/l		98
67) Ethyl Benzene	11.738	91	430722	21.07	ug/l		99
68) m/p-Xylenes	11.844	106	348322	43.26	ug/l		99
69) o-Xylene	12.173	106	154143	21.52	ug/l		99
70) Styrene	12.185	104	272463	21.59	ug/l		99
71) Bromoform	12.349	173	41349	19.98	ug/l	#	94
73) Isopropylbenzene	12.467	105	402067	21.10	ug/l		99
74) N-amyl acetate	12.279	43	72953	20.31	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.720	83	74867	20.09	ug/l		98
76) 1,2,3-Trichloropropane	12.773	75	56530m	23.89	ug/l		
77) Bromobenzene	12.749	156	90688	21.29	ug/l		97
78) n-propylbenzene	12.808	91	525926	21.81	ug/l		99
79) 2-Chlorotoluene	12.897	91	304425	21.52	ug/l		100
80) 1,3,5-Trimethylbenzene	12.949	105	356579	21.94	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.520	75	21629	20.30	ug/l		96
82) 4-Chlorotoluene	12.996	91	321771	21.76	ug/l		100
83) tert-Butylbenzene	13.214	119	289944	21.58	ug/l		98
84) 1,2,4-Trimethylbenzene	13.255	105	356858	22.07	ug/l		99
85) sec-Butylbenzene	13.391	105	446885	21.46	ug/l		99
86) p-Isopropyltoluene	13.502	119	369957	21.75	ug/l		99
87) 1,3-Dichlorobenzene	13.502	146	190627	21.31	ug/l		98
88) 1,4-Dichlorobenzene	13.585	146	189214	21.33	ug/l		98
89) n-Butylbenzene	13.832	91	338368	20.84	ug/l		99
90) Hexachloroethane	14.096	117	75318	20.48	ug/l		95
91) 1,2-Dichlorobenzene	13.879	146	164372	21.55	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	10853	20.17	ug/l		99
93) 1,2,4-Trichlorobenzene	15.143	180	88381	21.52	ug/l		99
94) Hexachlorobutadiene	15.249	225	54071	20.83	ug/l		99
95) Naphthalene	15.385	128	152994	20.03	ug/l		98
96) 1,2,3-Trichlorobenzene	15.579	180	75843	20.96	ug/l		96

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

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

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