Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051321\
Data File : VD069149.D
Acq On : 13 May 2021 11:28
Operator : VA/SY
Sample : VD0513SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS01

Manual Integrations APPROVED
MMDadoda
5/14/2021 6:49:16 PM

Quant Time: May 14 01:19:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 04:01:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	298061	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	486592	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.644	117	456857	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	229151	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	143044	47.87	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 95.74%				
35) Dibromofluoromethane	7.914	113	149735	47.29	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.58%				
50) Toluene-d8	10.338	98	556501	47.83	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.66%				
62) 4-Bromofluorobenzene	12.626	95	180511	48.21	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.42%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	66171	20.88	ug/l		95
3) Chloromethane	2.215	50	74276	20.39	ug/l		97
4) Vinyl Chloride	2.350	62	94368	19.66	ug/l		99
5) Bromomethane	2.756	94	72341	20.03	ug/l		95
6) Chloroethane	2.920	64	62042	20.09	ug/l		91
7) Trichlorofluoromethane	3.273	101	116909	19.96	ug/l		98
8) Diethyl Ether	3.703	74	28114	21.03	ug/l		100
9) 1,1,2-Trichlorotrifluo...	4.097	101	66673	20.09	ug/l		99
10) Methyl Iodide	4.297	142	54107	16.30	ug/l		97
11) Tert butyl alcohol	5.209	59	22107	122.88	ug/l	#	73
12) 1,1-Dichloroethene	4.073	96	59911	20.09	ug/l		99
13) Acrolein	3.920	56	20675	85.04	ug/l		92
14) Allyl chloride	4.714	41	62398	19.07	ug/l		98
15) Acrylonitrile	5.426	53	47646	95.48	ug/l		94
16) Acetone	4.162	43	40436	88.36	ug/l		89
17) Carbon Disulfide	4.409	76	197875	20.02	ug/l		96
18) Methyl Acetate	4.714	43	22687	20.40	ug/l		97
19) Methyl tert-butyl Ether	5.479	73	103137	19.06	ug/l		95
20) Methylene Chloride	4.967	84	87534	17.63	ug/l		94
21) trans-1,2-Dichloroethene	5.473	96	67302	19.04	ug/l		95
22) Diisopropyl ether	6.361	45	132024	20.21	ug/l		96
23) Vinyl Acetate	6.309	43	373485	96.87	ug/l		99
24) 1,1-Dichloroethane	6.267	63	114400	20.27	ug/l		97
25) 2-Butanone	7.203	43	59595	96.10	ug/l	#	86
26) 2,2-Dichloropropane	7.208	77	102844	19.48	ug/l		99
27) cis-1,2-Dichloroethene	7.208	96	74634	19.44	ug/l		98
28) Bromochloromethane	7.544	49	41630	20.69	ug/l		97
29) Tetrahydrofuran	7.555	42	32253	95.68	ug/l		96
30) Chloroform	7.703	83	126189	19.86	ug/l		95
31) Cyclohexane	7.979	56	84691	19.12	ug/l	#	95
32) 1,1,1-Trichloroethane	7.903	97	115488	20.03	ug/l		98
36) 1,1-Dichloropropene	8.108	75	93198	19.70	ug/l		98
37) Ethyl Acetate	7.297	43	28205	18.56	ug/l		98
38) Carbon Tetrachloride	8.091	117	104344	19.73	ug/l		97
39) Methylcyclohexane	9.355	83	93399	18.72	ug/l		96
40) Benzene	8.350	78	274449	20.25	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.514	41	16708m	20.65	ug/l		
42) 1,2-Dichloroethane	8.420	62	76682	20.72	ug/l		99
43) Isopropyl Acetate	8.450	43	52121	18.88	ug/l		96
44) Trichloroethene	9.114	130	75091	19.83	ug/l		95
45) 1,2-Dichloropropane	9.385	63	65154	20.37	ug/l		99
46) Dibromomethane	9.473	93	38890	20.34	ug/l		98
47) Bromodichloromethane	9.661	83	96146	19.76	ug/l		96
48) Methyl methacrylate	9.450	41	24288	19.03	ug/l	#	93
49) 1,4-Dioxane	9.461	88	6246	323.74	ug/l		96
51) 4-Methyl-2-Pentanone	10.226	43	139292	98.09	ug/l		100
52) Toluene	10.402	92	176496	20.18	ug/l		95
53) t-1,3-Dichloropropene	10.620	75	84553	19.78	ug/l		95
54) cis-1,3-Dichloropropene	10.091	75	101189	19.80	ug/l		97
55) 1,1,2-Trichloroethane	10.797	97	51530	20.00	ug/l		95
56) Ethyl methacrylate	10.661	69	49343	18.41	ug/l		100
57) 1,3-Dichloropropane	10.944	76	81382	19.54	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.944	63	131814	103.32	ug/l		98
59) 2-Hexanone	10.985	43	90375	95.37	ug/l		99
60) Dibromochloromethane	11.138	129	64576	19.51	ug/l		99
61) 1,2-Dibromoethane	11.244	107	50952	20.00	ug/l		99
64) Tetrachloroethene	10.873	164	64522	20.32	ug/l		95
65) Chlorobenzene	11.667	112	192041	20.28	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.743	131	72085	20.19	ug/l		98
67) Ethyl Benzene	11.743	91	319545	19.61	ug/l		99
68) m/p-Xylenes	11.849	106	255591	40.02	ug/l		97
69) o-Xylene	12.179	106	113456	19.98	ug/l		98
70) Styrene	12.191	104	195271	19.70	ug/l		99
71) Bromoform	12.361	173	36662	19.74	ug/l	#	98
73) Isopropylbenzene	12.473	105	307258	19.18	ug/l		99
74) N-amyl acetate	12.285	43	47870	18.28	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.726	83	53236	18.34	ug/l		94
76) 1,2,3-Trichloropropane	12.779	75	35518m	20.62	ug/l		
77) Bromobenzene	12.755	156	73945	19.46	ug/l		98
78) n-propylbenzene	12.814	91	377282	19.52	ug/l		100
79) 2-Chlorotoluene	12.902	91	215457	20.04	ug/l		96
80) 1,3,5-Trimethylbenzene	12.955	105	262587	19.89	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.520	75	16562	19.42	ug/l		94
82) 4-Chlorotoluene	13.002	91	231694	20.23	ug/l		99
83) tert-Butylbenzene	13.220	119	212530	19.31	ug/l		99
84) 1,2,4-Trimethylbenzene	13.261	105	260919	19.64	ug/l		99
85) sec-Butylbenzene	13.396	105	319022	19.28	ug/l		99
86) p-Isopropyltoluene	13.514	119	279551	19.23	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	151258	19.66	ug/l		98
88) 1,4-Dichlorobenzene	13.590	146	149244	19.59	ug/l		97
89) n-Butylbenzene	13.838	91	263160	19.43	ug/l		97
90) Hexachloroethane	14.108	117	52868	19.40	ug/l		99
91) 1,2-Dichlorobenzene	13.885	146	129216	19.56	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	8696	19.30	ug/l		90
93) 1,2,4-Trichlorobenzene	15.155	180	74799	18.48	ug/l		99
94) Hexachlorobutadiene	15.261	225	44077	18.14	ug/l		98
95) Naphthalene	15.396	128	120053	17.40	ug/l		99
96) 1,2,3-Trichlorobenzene	15.590	180	65103	18.80	ug/l		97

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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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