Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052121\
Data File : VD069238.D
Acq On : 21 May 2021 14:57
Operator : VA/SY
Sample : M2472-12MS
Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-938-940MS

Manual Integrations APPROVED
MMDadoda
5/24/2021 3:43:59 PM

Quant Time: May 22 00:33:52 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	64737	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	114698	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	107494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	36565	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	59513	91.70	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 183.40%#			
35) Dibromofluoromethane	7.914	113	48827	65.41	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 130.82%			
50) Toluene-d8	10.338	98	145025	52.88	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.76%			
62) 4-Bromofluorobenzene	12.626	95	39295	44.53	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 89.06%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	35391	51.42	ug/l	98
3) Chloromethane	2.209	50	54945	69.46	ug/l	96
4) Vinyl Chloride	2.344	62	64422	61.79	ug/l	93
5) Bromomethane	2.762	94	47254	60.25	ug/l	94
6) Chloroethane	2.915	64	46012	68.60	ug/l	95
7) Trichlorofluoromethane	3.262	101	70152	55.15	ug/l	98
8) Diethyl Ether	3.703	74	27358	94.21	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.079	101	38566	53.50	ug/l	99
10) Methyl Iodide	4.291	142	31714	42.41	ug/l	99
11) Tert butyl alcohol	5.226	59	29447m	986.14	ug/l	
12) 1,1-Dichloroethene	4.062	96	34852	53.81	ug/l #	79
13) Acrolein	3.926	56	38849	735.73	ug/l	97
14) Allyl chloride	4.714	41	47226	66.47	ug/l	86
15) Acrylonitrile	5.426	53	84031	775.32	ug/l	97
16) Acetone	4.162	43	76955	774.22	ug/l	100
17) Carbon Disulfide	4.409	76	108199	50.39	ug/l	97
18) Methyl Acetate	4.720	43	40127	166.16	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	123204	104.82	ug/l	98
20) Methylene Chloride	4.956	84	74717	101.80	ug/l	98
21) trans-1,2-Dichloroethene	5.467	96	45558	59.33	ug/l	84
22) Diisopropyl ether	6.361	45	119325	84.09	ug/l	96
23) Vinyl Acetate	6.303	43	479532	572.63	ug/l	100
24) 1,1-Dichloroethane	6.267	63	82772	67.52	ug/l	98
25) 2-Butanone	7.214	43	107209	795.97	ug/l	99
26) 2,2-Dichloropropane	7.208	77	66339	57.87	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	54644	65.53	ug/l	98
28) Bromochloromethane	7.544	49	41966	96.03	ug/l	96
29) Tetrahydrofuran	7.567	42	61660	842.16	ug/l	95
30) Chloroform	7.708	83	99956	72.42	ug/l	98
31) Cyclohexane	7.979	56	37777	39.28	ug/l	88
32) 1,1,1-Trichloroethane	7.903	97	73993	59.09	ug/l	98
36) 1,1-Dichloropropene	8.114	75	51791	46.45	ug/l	99
37) Ethyl Acetate	7.297	43	48482	135.32	ug/l	97
38) Carbon Tetrachloride	8.097	117	62074	49.80	ug/l	93
39) Methylcyclohexane	9.355	83	32279	27.44	ug/l	93
40) Benzene	8.350	78	184290	57.69	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.520	41	19713	103.37	ug/l	#	13
42) 1,2-Dichloroethane	8.426	62	78172	89.63	ug/l		99
43) Isopropyl Acetate	8.455	43	82330	126.54	ug/l		95
44) Trichloroethene	9.114	130	43259	48.46	ug/l		99
45) 1,2-Dichloropropane	9.385	63	51521	68.34	ug/l		96
46) Dibromomethane	9.479	93	41090	91.17	ug/l		99
47) Bromodichloromethane	9.661	83	81965	71.47	ug/l		95
48) Methyl methacrylate	9.455	41	35239	117.13	ug/l		96
49) 1,4-Dioxane	9.461	88	13668	3142.23	ug/l		93
51) 4-Methyl-2-Pentanone	10.226	43	236185	705.59	ug/l		100
52) Toluene	10.402	92	108958	52.85	ug/l		95
53) t-1,3-Dichloropropene	10.620	75	78074	77.47	ug/l		94
54) cis-1,3-Dichloropropene	10.091	75	80639	66.94	ug/l		96
55) 1,1,2-Trichloroethane	10.797	97	58799	96.79	ug/l		96
56) Ethyl methacrylate	10.661	69	60354	89.99	ug/l		94
57) 1,3-Dichloropropane	10.944	76	90560	92.25	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.944	63	30170	100.33	ug/l		99
59) 2-Hexanone	10.985	43	160751	719.67	ug/l		96
60) Dibromochloromethane	11.138	129	66197	84.85	ug/l		99
61) 1,2-Dibromoethane	11.244	107	58590	97.59	ug/l		99
64) Tetrachloroethene	10.873	164	30614	40.98	ug/l		97
65) Chlorobenzene	11.667	112	106106	47.63	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.744	131	53017	63.10	ug/l		97
67) Ethyl Benzene	11.744	91	162665	42.42	ug/l		97
68) m/p-Xylenes	11.855	106	125499	83.52	ug/l		98
69) o-Xylene	12.179	106	59347	44.41	ug/l		99
70) Styrene	12.191	104	85950	36.85	ug/l		99
71) Bromoform	12.361	173	39381	90.12	ug/l	#	98
73) Isopropylbenzene	12.479	105	131979	51.64	ug/l		100
74) N-amyl acetate	12.285	43	58411	139.75	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.726	83	69442	149.94	ug/l		94
76) 1,2,3-Trichloropropane	12.779	75	54754m	199.21	ug/l		
77) Bromobenzene	12.755	156	42130	69.47	ug/l		72
78) n-propylbenzene	12.814	91	145240	47.10	ug/l		100
79) 2-Chlorotoluene	12.902	91	91285	53.21	ug/l		100
80) 1,3,5-Trimethylbenzene	12.955	105	95856	45.49	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.520	75	19599	144.03	ug/l		99
82) 4-Chlorotoluene	13.002	91	93708	51.27	ug/l		97
83) tert-Butylbenzene	13.220	119	86074	49.02	ug/l		98
84) 1,2,4-Trimethylbenzene	13.261	105	102846	48.51	ug/l		99
85) sec-Butylbenzene	13.396	105	97654	36.98	ug/l		100
86) p-Isopropyltoluene	13.514	119	86030	37.08	ug/l		96
87) 1,3-Dichlorobenzene	13.508	146	57797	47.09	ug/l		99
88) 1,4-Dichlorobenzene	13.590	146	58751	48.33	ug/l		98
89) n-Butylbenzene	13.838	91	65619	30.36	ug/l		98
90) Hexachloroethane	14.108	117	20796	47.83	ug/l		98
91) 1,2-Dichlorobenzene	13.885	146	56732	53.82	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	11045	153.65	ug/l		94
93) 1,2,4-Trichlorobenzene	15.149	180	14155	21.91	ug/l		99
94) Hexachlorobutadiene	15.255	225	7664	19.77	ug/l		90
95) Naphthalene	15.390	128	45238	38.30	ug/l		97
96) 1,2,3-Trichlorobenzene	15.584	180	13889	25.13	ug/l		99

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

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