Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100421\
Data File : VD070547.D
Acq On : 04 Oct 2021 13:23
Operator : VA/SY
Sample : VD1004SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1004SBS01

Manual Integrations APPROVED
MMDadoda
10/5/2021 6:02:48 PM

Quant Time: Oct 05 04:59:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.973	168	320197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	573232	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	541184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	261151	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	197856	48.12	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 96.24%			
35) Dibromofluoromethane	7.914	113	206515	50.61	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.22%			
50) Toluene-d8	10.332	98	778010	52.52	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.04%			
62) 4-Bromofluorobenzene	12.620	95	271069	52.35	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	75471	20.99	ug/l	99
3) Chloromethane	2.209	50	97527	20.10	ug/l	100
4) Vinyl Chloride	2.350	62	106864	21.21	ug/l	89
5) Bromomethane	2.750	94	72115	20.50	ug/l	100
6) Chloroethane	2.915	64	72639	21.78	ug/l	98
7) Trichlorofluoromethane	3.268	101	147846	22.19	ug/l	98
8) Diethyl Ether	3.709	74	39246	21.31	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	89088	21.52	ug/l	98
10) Methyl Iodide	4.297	142	65064	17.11	ug/l	98
11) Tert butyl alcohol	5.220	59	23103	49.70	ug/l #	100
12) 1,1-Dichloroethene	4.068	96	77812	20.87	ug/l	94
13) Acrolein	3.920	56	11230	54.95	ug/l	90
14) Allyl chloride	4.709	41	110436	20.16	ug/l	99
15) Acrylonitrile	5.415	53	91651	104.43	ug/l	98
16) Acetone	4.156	43	79206	107.91	ug/l	95
17) Carbon Disulfide	4.403	76	255703	18.59	ug/l	97
18) Methyl Acetate	4.715	43	44436	21.18	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	168788	20.95	ug/l	99
20) Methylene Chloride	4.956	84	134088	25.80	ug/l	96
21) trans-1,2-Dichloroethene	5.467	96	91933	20.72	ug/l	100
22) Diisopropyl ether	6.356	45	246863	21.06	ug/l	98
23) Vinyl Acetate	6.303	43	534932m	98.48	ug/l	
24) 1,1-Dichloroethane	6.262	63	172837	20.83	ug/l	99
25) 2-Butanone	7.209	43	99976	102.32	ug/l	91
26) 2,2-Dichloropropane	7.203	77	146814	21.89	ug/l	98
27) cis-1,2-Dichloroethene	7.209	96	100828	21.15	ug/l	97
28) Bromochloromethane	7.544	49	58742	17.85	ug/l	96
29) Tetrahydrofuran	7.567	42	64763	103.25	ug/l	98
30) Chloroform	7.703	83	178912	21.04	ug/l	100
31) Cyclohexane	7.979	56	144912	20.46	ug/l	96
32) 1,1,1-Trichloroethane	7.897	97	155046	21.66	ug/l	99
36) 1,1-Dichloropropene	8.108	75	134264	21.91	ug/l	98
37) Ethyl Acetate	7.291	43	43505	18.99	ug/l	98
38) Carbon Tetrachloride	8.091	117	138531	22.86	ug/l	98
39) Methylcyclohexane	9.350	83	142284	20.79	ug/l	99
40) Benzene	8.344	78	382416	21.30	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.526	41	28331	23.50	ug/l	#	79
42) 1,2-Dichloroethane	8.420	62	102936	21.40	ug/l		99
43) Isopropyl Acetate	8.450	43	84916	20.04	ug/l		99
44) Trichloroethene	9.108	130	93767	21.85	ug/l		89
45) 1,2-Dichloropropane	9.379	63	99068	21.03	ug/l		96
46) Dibromomethane	9.473	93	50568	20.85	ug/l		97
47) Bromodichloromethane	9.655	83	133345	21.55	ug/l		97
48) Methyl methacrylate	9.450	41	41179	21.05	ug/l		97
49) 1,4-Dioxane	9.455	88	10976	451.74	ug/l	#	93
51) 4-Methyl-2-Pentanone	10.220	43	232420	106.02	ug/l		100
52) Toluene	10.397	92	238514	21.98	ug/l		97
53) t-1,3-Dichloropropene	10.614	75	116934	21.97	ug/l		94
54) cis-1,3-Dichloropropene	10.085	75	141279	21.81	ug/l		99
55) 1,1,2-Trichloroethane	10.797	97	72115	21.61	ug/l		99
56) Ethyl methacrylate	10.655	69	79192	21.74	ug/l		98
57) 1,3-Dichloropropane	10.938	76	124335	21.88	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.938	63	196961	112.17	ug/l		99
59) 2-Hexanone	10.979	43	159174	108.83	ug/l		97
60) Dibromochloromethane	11.132	129	85378	21.98	ug/l		99
61) 1,2-Dibromoethane	11.238	107	65506	21.34	ug/l		98
64) Tetrachloroethene	10.867	164	73772	22.39	ug/l		97
65) Chlorobenzene	11.661	112	246471	21.98	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.738	131	93266	22.71	ug/l		98
67) Ethyl Benzene	11.738	91	427527	22.11	ug/l		100
68) m/p-Xylenes	11.844	106	343838	46.04	ug/l		97
69) o-Xylene	12.173	106	151424	22.63	ug/l		96
70) Styrene	12.185	104	272682	23.33	ug/l		99
71) Bromoform	12.355	173	45962	22.65	ug/l	#	96
73) Isopropylbenzene	12.473	105	404000	22.06	ug/l		99
74) N-amyl acetate	12.279	43	83022	20.81	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.720	83	82696	21.08	ug/l		99
76) 1,2,3-Trichloropropane	12.773	75	54356m	20.58	ug/l		
77) Bromobenzene	12.749	156	90922	21.52	ug/l		97
78) n-propylbenzene	12.808	91	531737	22.37	ug/l		99
79) 2-Chlorotoluene	12.896	91	302329	21.82	ug/l		100
80) 1,3,5-Trimethylbenzene	12.949	105	358027	22.65	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.514	75	23535	22.32	ug/l		94
82) 4-Chlorotoluene	12.996	91	326484	22.34	ug/l		99
83) tert-Butylbenzene	13.214	119	282034	22.25	ug/l		99
84) 1,2,4-Trimethylbenzene	13.255	105	350604	22.53	ug/l		99
85) sec-Butylbenzene	13.391	105	452966	22.48	ug/l		100
86) p-Isopropyltoluene	13.502	119	368850	22.78	ug/l		99
87) 1,3-Dichlorobenzene	13.502	146	193011	21.94	ug/l		98
88) 1,4-Dichlorobenzene	13.585	146	194796	22.06	ug/l		98
89) n-Butylbenzene	13.832	91	346041	21.44	ug/l		99
90) Hexachloroethane	14.096	117	76539	20.65	ug/l		97
91) 1,2-Dichlorobenzene	13.879	146	166595	21.46	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	12635	21.51	ug/l		92
93) 1,2,4-Trichlorobenzene	15.143	180	88618	21.14	ug/l		99
94) Hexachlorobutadiene	15.249	225	57707	22.45	ug/l		97
95) Naphthalene	15.385	128	159122	20.89	ug/l		100
96) 1,2,3-Trichlorobenzene	15.579	180	80947	21.89	ug/l		96

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

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