Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031821\
Data File : VD068659.D
Acq On : 18 Mar 2021 18:54
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VSTDCCC050EC

Quant Time: Mar 19 01:06:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	223693	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	378526	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.644	117	345998	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	212256	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	113329	50.71	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.42%				
35) Dibromofluoromethane	7.920	113	122236	53.61	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.22%				
50) Toluene-d8	10.344	98	435227	47.92	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.84%				
62) 4-Bromofluorobenzene	12.626	95	173749	59.36	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 118.72%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	105473	48.59	ug/l		100
3) Chloromethane	2.209	50	136188	49.64	ug/l		95
4) Vinyl Chloride	2.350	62	163744	50.27	ug/l		95
5) Bromomethane	2.768	94	113001	48.72	ug/l		94
6) Chloroethane	2.921	64	111747	53.05	ug/l		97
7) Trichlorofluoromethane	3.274	101	202299	54.44	ug/l		99
8) Diethyl Ether	3.709	74	64543	58.34	ug/l		92
9) 1,1,2-Trichlorotrifluo...	4.097	101	123703	54.64	ug/l		96
10) Methyl Iodide	4.297	142	119538	44.46	ug/l		96
11) Tert butyl alcohol	5.232	59	35115	294.27	ug/l		96
12) 1,1-Dichloroethene	4.068	96	120027	53.43	ug/l		96
13) Acrolein	3.921	56	45769	268.36	ug/l		100
14) Allyl chloride	4.721	41	152785	52.68	ug/l		95
15) Acrylonitrile	5.426	53	126933	271.83	ug/l		98
16) Acetone	4.162	43	88868	250.32	ug/l		91
17) Carbon Disulfide	4.409	76	355072	48.24	ug/l		100
18) Methyl Acetate	4.721	43	61394	67.10	ug/l		97
19) Methyl tert-butyl Ether	5.485	73	265074	54.42	ug/l	#	91
20) Methylene Chloride	4.968	84	178902	68.96	ug/l		95
21) trans-1,2-Dichloroethene	5.473	96	130294	48.58	ug/l		98
22) Diisopropyl ether	6.367	45	321775	50.38	ug/l		97
23) Vinyl Acetate	6.309	43	857398	258.72	ug/l		99
24) 1,1-Dichloroethane	6.262	63	225115	51.42	ug/l		99
25) 2-Butanone	7.214	43	135329	265.18	ug/l		96
26) 2,2-Dichloropropane	7.209	77	181743	49.83	ug/l		97
27) cis-1,2-Dichloroethene	7.214	96	150650	51.16	ug/l		97
28) Bromochloromethane	7.550	49	89372	52.30	ug/l		84
29) Tetrahydrofuran	7.562	42	87887	265.22	ug/l		99
30) Chloroform	7.714	83	239250	51.74	ug/l		99
31) Cyclohexane	7.991	56	172075	42.34	ug/l		93
32) 1,1,1-Trichloroethane	7.909	97	202809	51.39	ug/l		97
36) 1,1-Dichloropropene	8.114	75	177417	49.31	ug/l		97
37) Ethyl Acetate	7.297	43	59948	50.22	ug/l		97
38) Carbon Tetrachloride	8.103	117	175330	51.86	ug/l		99
39) Methylcyclohexane	9.356	83	208378	46.96	ug/l		97
40) Benzene	8.356	78	525096	50.88	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.526	41	34341	49.56	ug/l		91
42) 1,2-Dichloroethane	8.426	62	147765	54.45	ug/l		100
43) Isopropyl Acetate	8.456	43	122814	55.97	ug/l		99
44) Trichloroethene	9.114	130	145266	51.27	ug/l		98
45) 1,2-Dichloropropane	9.391	63	133810	54.23	ug/l		97
46) Dibromomethane	9.473	93	74376	55.41	ug/l		93
47) Bromodichloromethane	9.661	83	189180	54.49	ug/l		99
48) Methyl methacrylate	9.461	41	57364	49.05	ug/l	#	82
49) 1,4-Dioxane	9.461	88	17328	1131.98	ug/l		90
51) 4-Methyl-2-Pentanone	10.226	43	323502	281.76	ug/l		99
52) Toluene	10.408	92	344335	52.24	ug/l		95
53) t-1,3-Dichloropropene	10.620	75	175468	54.68	ug/l		100
54) cis-1,3-Dichloropropene	10.091	75	207619	53.03	ug/l		99
55) 1,1,2-Trichloroethane	10.803	97	103983	55.98	ug/l		93
56) Ethyl methacrylate	10.661	69	117718	55.13	ug/l		96
57) 1,3-Dichloropropane	10.950	76	175165	54.02	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.944	63	309843	289.25	ug/l		95
59) 2-Hexanone	10.985	43	220246	287.79	ug/l		100
60) Dibromochloromethane	11.144	129	130669	56.82	ug/l		98
61) 1,2-Dibromoethane	11.250	107	102030	56.13	ug/l		100
64) Tetrachloroethene	10.879	164	117324	51.93	ug/l		95
65) Chlorobenzene	11.667	112	377525	53.58	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.744	131	139485	56.95	ug/l		97
67) Ethyl Benzene	11.744	91	670464	53.31	ug/l		96
68) m/p-Xylenes	11.855	106	516963	108.22	ug/l		99
69) o-Xylene	12.179	106	248014	56.37	ug/l		93
70) Styrene	12.191	104	428289	56.93	ug/l		97
71) Bromoform	12.361	173	87230	70.10	ug/l	#	100
73) Isopropylbenzene	12.479	105	729652	46.35	ug/l		99
74) N-amyl acetate	12.285	43	134047	49.98	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.732	83	138873	51.28	ug/l		98
76) 1,2,3-Trichloropropane	12.785	75	95629m	50.75	ug/l		
77) Bromobenzene	12.761	156	169994	47.32	ug/l		92
78) n-propylbenzene	12.820	91	852759	45.33	ug/l		100
79) 2-Chlorotoluene	12.908	91	492577	47.18	ug/l		97
80) 1,3,5-Trimethylbenzene	12.961	105	635999	49.29	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.526	75	40722	50.43	ug/l		97
82) 4-Chlorotoluene	13.002	91	554508	50.48	ug/l		99
83) tert-Butylbenzene	13.220	119	544994	49.61	ug/l		98
84) 1,2,4-Trimethylbenzene	13.267	105	663442	51.34	ug/l		97
85) sec-Butylbenzene	13.397	105	774812	49.93	ug/l		99
86) p-Isopropyltoluene	13.514	119	712743	50.60	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	359702	51.84	ug/l		99
88) 1,4-Dichlorobenzene	13.591	146	354060	51.51	ug/l		100
89) n-Butylbenzene	13.838	91	665150	48.95	ug/l		98
90) Hexachloroethane	14.108	117	111062	39.67	ug/l		89
91) 1,2-Dichlorobenzene	13.885	146	316811	53.24	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.502	75	22416	46.95	ug/l		88
93) 1,2,4-Trichlorobenzene	15.161	180	198785	43.24	ug/l		98
94) Hexachlorobutadiene	15.261	225	113269	44.40	ug/l		99
95) Naphthalene	15.396	128	384671	46.22	ug/l		100
96) 1,2,3-Trichlorobenzene	15.591	180	179367	45.07	ug/l		98

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

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