Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD091120\
Data File : VD066642.D
Acq On : 11 Sep 2020 12:19
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 12 00:45:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

Instrument : MSVOA_D
ClientSampleId : VSTDCCC050

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.97	168	384159	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.86	114	598486	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.64	117	545133	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	254836	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.33	65	224484	48.30	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.60%				
35) Dibromofluoromethane	7.91	113	209753	51.95	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.90%				
50) Toluene-d8	10.34	98	784529	54.37	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.74%				
62) 4-Bromofluorobenzene	12.63	95	259760	54.29	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.58%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.99	85	153278	48.174	ug/l		92
3) Chloromethane	2.21	50	204146	42.021	ug/l		99
4) Vinyl Chloride	2.35	62	224033	41.577	ug/l		98
5) Bromomethane	2.77	94	155291	45.144	ug/l		87
6) Chloroethane	2.92	64	140345	41.007	ug/l		97
7) Trichlorofluoromethane	3.27	101	373873	46.969	ug/l		94
8) Diethyl Ether	3.71	74	94018	46.904	ug/l		98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	208340	48.360	ug/l		98
10) Methyl Iodide	4.30	142	191953	48.941	ug/l		100
11) Tert butyl alcohol	5.21	59	74540	257.817	ug/l	#	84
12) 1,1-Dichloroethene	4.07	96	189514	48.965	ug/l		94
13) Acrolein	3.92	56	49152	258.630	ug/l		99
14) Allyl chloride	4.71	41	314554	49.589	ug/l		98
15) Acrylonitrile	5.43	53	224021	260.167	ug/l		100
16) Acetone	4.16	43	250853	293.323	ug/l		99
17) Carbon Disulfide	4.41	76	585313	46.002	ug/l		99
18) Methyl Acetate	4.71	43	99694	48.902	ug/l		97
19) Methyl tert-butyl Ether	5.48	73	459318	50.606	ug/l		96
20) Methylene Chloride	4.96	84	232277	49.813	ug/l		96
21) trans-1,2-Dichloroethene	5.47	96	222418	48.392	ug/l		98
22) Diisopropyl ether	6.36	45	663791	50.888	ug/l		98
23) Vinyl Acetate	6.30	43	1956518	263.573	ug/l		97
24) 1,1-Dichloroethane	6.26	63	399809	48.740	ug/l		98
25) 2-Butanone	7.21	43	308442	268.671	ug/l		97
26) 2,2-Dichloropropane	7.20	77	372172	49.462	ug/l		100
27) cis-1,2-Dichloroethene	7.21	96	243251	49.216	ug/l		99
28) Bromochloromethane	7.54	49	162862	51.570	ug/l		100
29) Tetrahydrofuran	7.56	42	182243	254.892	ug/l		99
30) Chloroform	7.71	83	425739	49.059	ug/l		98
31) Cyclohexane	7.98	56	358597	47.292	ug/l		95
32) 1,1,1-Trichloroethane	7.90	97	389288	47.712	ug/l		99
36) 1,1-Dichloropropene	8.11	75	323845	51.995	ug/l		99
37) Ethyl Acetate	7.28	43	130331	52.550	ug/l		98
38) Carbon Tetrachloride	8.09	117	352599	53.559	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.35	83	385970	55.496	ug/l		98
40) Benzene	8.35	78	874249	51.251	ug/l		99
41) Methacrylonitrile	7.52	41	57962m	48.280	ug/l		
42) 1,2-Dichloroethane	8.42	62	276256	49.983	ug/l		99
43) Isopropyl Acetate	8.45	43	252214	53.065	ug/l		98
44) Trichloroethene	9.11	130	234892	52.495	ug/l		92
45) 1,2-Dichloropropane	9.38	63	223857	52.183	ug/l		100
46) Dibromomethane	9.47	93	122076	51.580	ug/l		97
47) Bromodichloromethane	9.66	83	323234	50.479	ug/l		99
48) Methyl methacrylate	9.45	41	133555	55.571	ug/l		97
49) 1,4-Dioxane	9.46	88	27961	1076.868	ug/l		98
51) 4-Methyl-2-Pentanone	10.23	43	661794	276.090	ug/l		98
52) Toluene	10.40	92	576472	53.387	ug/l		99
53) t-1,3-Dichloropropene	10.61	75	304487	53.866	ug/l		96
54) cis-1,3-Dichloropropene	10.08	75	357453	52.658	ug/l		94
55) 1,1,2-Trichloroethane	10.80	97	162666	53.455	ug/l		97
56) Ethyl methacrylate	10.66	69	199422	56.284	ug/l		97
57) 1,3-Dichloropropane	10.94	76	285549	53.573	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.94	63	425370	262.474	ug/l		99
59) 2-Hexanone	10.98	43	471964	292.790	ug/l		99
60) Dibromochloromethane	11.14	129	215399	53.528	ug/l		98
61) 1,2-Dibromoethane	11.24	107	155710	52.595	ug/l		99
64) Tetrachloroethene	10.87	164	187084	50.971	ug/l		97
65) Chlorobenzene	11.67	112	588912	52.342	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.74	131	221620	51.611	ug/l		98
67) Ethyl Benzene	11.74	91	1102448	53.364	ug/l		99
68) m/p-Xylenes	11.85	106	834858	108.835	ug/l		99
69) o-Xylene	12.18	106	370681	53.921	ug/l		99
70) Styrene	12.20	104	658800	55.123	ug/l		99
71) Bromoform	12.36	173	112194	51.844	ug/l	#	100
73) Isopropylbenzene	12.48	105	1059254	56.141	ug/l		99
74) N-amyl acetate	12.29	43	234638	54.908	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.73	83	171641	51.493	ug/l		99
76) 1,2,3-Trichloropropane	12.78	75	136305m	55.616	ug/l		
77) Bromobenzene	12.76	156	227252	54.025	ug/l		97
78) n-propylbenzene	12.82	91	1273750	55.689	ug/l		100
79) 2-Chlorotoluene	12.91	91	691637	53.902	ug/l		100
80) 1,3,5-Trimethylbenzene	12.96	105	869496	54.753	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.53	75	56554	53.873	ug/l		97
82) 4-Chlorotoluene	13.01	91	732596	53.390	ug/l		100
83) tert-Butylbenzene	13.23	119	720661	55.572	ug/l		99
84) 1,2,4-Trimethylbenzene	13.27	105	865770	54.758	ug/l		100
85) sec-Butylbenzene	13.40	105	1046275	56.000	ug/l		100
86) p-Isopropyltoluene	13.52	119	952637	56.649	ug/l		99
87) 1,3-Dichlorobenzene	13.52	146	446915	53.517	ug/l		99
88) 1,4-Dichlorobenzene	13.60	146	433369	51.704	ug/l		98
89) n-Butylbenzene	13.84	91	914691	55.817	ug/l		99
90) Hexachloroethane	14.11	117	188382	51.990	ug/l		98
91) 1,2-Dichlorobenzene	13.89	146	381894	52.320	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	29354	51.841	ug/l		97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	247768	56.560	ug/l	98
94) Hexachlorobutadiene	15.27	225	142848	54.279	ug/l	97
95) Naphthalene	15.41	128	448554	58.597	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	210749	56.429	ug/l	98

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

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