Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD113020\
Data File : VD067804.D
Acq On : 30 Nov 2020 10:03
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 30 13:20:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 24 00:51:35 2020
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
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12/1/2020 12:43:38 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	235537	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	326404	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	298086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	147240	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	115377	50.38	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.76%			
35) Dibromofluoromethane	7.92	113	108989	52.47	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.94%			
50) Toluene-d8	10.34	98	393632	51.83	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.66%			
62) 4-Bromofluorobenzene	12.64	95	132621	51.09	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.18%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	109680	53.509	ug/l	98
3) Chloromethane	2.21	50	56805	49.780	ug/l	100
4) Vinyl Chloride	2.35	62	71097	49.721	ug/l	96
5) Bromomethane	2.77	94	61625	50.584	ug/l	93
6) Chloroethane	2.93	64	47319	49.653	ug/l	89
7) Trichlorofluoromethane	3.27	101	224223	51.387	ug/l	99
8) Diethyl Ether	3.71	74	40425	45.887	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.10	101	102607	49.107	ug/l	98
10) Methyl Iodide	4.30	142	111445	52.109	ug/l	97
11) Tert butyl alcohol	5.21	59	25563	204.855	ug/l #	83
12) 1,1-Dichloroethene	4.07	96	95812	49.556	ug/l	96
13) Acrolein	3.92	56	21247	223.828	ug/l	92
14) Allyl chloride	4.71	41	90098	48.208	ug/l	94
15) Acrylonitrile	5.42	53	68755	224.077	ug/l	98
16) Acetone	4.16	43	87401	295.414	ug/l	95
17) Carbon Disulfide	4.41	76	263033	47.037	ug/l	99
18) Methyl Acetate	4.72	43	25047	42.080	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	196146	47.469	ug/l	99
20) Methylene Chloride	4.96	84	98105	42.765	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	106438	48.422	ug/l	99
22) Diisopropyl ether	6.37	45	174973	47.428	ug/l	97
23) Vinyl Acetate	6.30	43	507505	243.869	ug/l	97
24) 1,1-Dichloroethane	6.27	63	150238	48.033	ug/l	97
25) 2-Butanone	7.21	43	71939	216.685	ug/l	96
26) 2,2-Dichloropropane	7.21	77	189575	51.376	ug/l	96
27) cis-1,2-Dichloroethene	7.21	96	114239	48.758	ug/l	99
28) Bromochloromethane	7.54	49	47176	47.086	ug/l	92
29) Tetrahydrofuran	7.57	42	41191	218.218	ug/l	91
30) Chloroform	7.71	83	200365	48.987	ug/l	92
31) Cyclohexane	7.99	56	125485	45.285	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	220580	50.922	ug/l	99
36) 1,1-Dichloropropene	8.11	75	143275	51.153	ug/l	98
37) Ethyl Acetate	7.29	43	36085	47.913	ug/l #	79
38) Carbon Tetrachloride	8.10	117	218490	53.814	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.36	83	172545	52.055	ug/l		99
40) Benzene	8.36	78	385461	50.108	ug/l		96
41) Methacrylonitrile	7.53	41	17599	45.761	ug/l		90
42) 1,2-Dichloroethane	8.43	62	130699	50.074	ug/l		99
43) Isopropyl Acetate	8.46	43	67289	44.739	ug/l		94
44) Trichloroethene	9.12	130	128574	50.430	ug/l		96
45) 1,2-Dichloropropane	9.39	63	74474	47.182	ug/l		98
46) Dibromomethane	9.48	93	53574	49.854	ug/l		99
47) Bromodichloromethane	9.67	83	148859	49.745	ug/l		96
48) Methyl methacrylate	9.46	41	35950	47.810	ug/l		98
49) 1,4-Dioxane	9.46	88	9435	810.152	ug/l	#	92
51) 4-Methyl-2-Pentanone	10.23	43	166482	235.232	ug/l		99
52) Toluene	10.41	92	267734	51.304	ug/l		100
53) t-1,3-Dichloropropene	10.63	75	132676	50.748	ug/l		97
54) cis-1,3-Dichloropropene	10.10	75	144587	48.868	ug/l		95
55) 1,1,2-Trichloroethane	10.80	97	68183	47.287	ug/l		99
56) Ethyl methacrylate	10.67	69	73273	49.084	ug/l		98
57) 1,3-Dichloropropane	10.95	76	107529	47.298	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.94	63	180071	258.161	ug/l		98
59) 2-Hexanone	10.99	43	126038	252.236	ug/l		94
60) Dibromochloromethane	11.14	129	107263	48.818	ug/l		99
61) 1,2-Dibromoethane	11.25	107	68384	48.133	ug/l		97
64) Tetrachloroethene	10.88	164	116988	50.566	ug/l		92
65) Chlorobenzene	11.67	112	288896	49.311	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.74	131	118415	49.967	ug/l		98
67) Ethyl Benzene	11.75	91	520443	51.457	ug/l		99
68) m/p-Xylenes	11.86	106	403734	102.577	ug/l		100
69) o-Xylene	12.18	106	183523	51.212	ug/l		98
70) Styrene	12.20	104	315349	51.663	ug/l		99
71) Bromoform	12.36	173	60833	47.286	ug/l	#	98
73) Isopropylbenzene	12.48	105	529840	54.691	ug/l		99
74) N-amyl acetate	12.30	43	59744	46.764	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.74	83	59232	45.558	ug/l		100
76) 1,2,3-Trichloropropane	12.78	75	51061m	49.758	ug/l		
77) Bromobenzene	12.77	156	125509	51.755	ug/l		98
78) n-propylbenzene	12.83	91	587318	54.492	ug/l		100
79) 2-Chlorotoluene	12.91	91	335176	52.525	ug/l		99
80) 1,3,5-Trimethylbenzene	12.97	105	462122	54.844	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.53	75	21535	49.083	ug/l		92
82) 4-Chlorotoluene	13.01	91	357378	52.559	ug/l		100
83) tert-Butylbenzene	13.23	119	392489	54.207	ug/l		98
84) 1,2,4-Trimethylbenzene	13.27	105	453093	53.829	ug/l		99
85) sec-Butylbenzene	13.41	105	510661	53.685	ug/l		99
86) p-Isopropyltoluene	13.52	119	501858	54.471	ug/l		98
87) 1,3-Dichlorobenzene	13.52	146	241328	51.418	ug/l		98
88) 1,4-Dichlorobenzene	13.60	146	238179	51.230	ug/l		99
89) n-Butylbenzene	13.85	91	430699	54.552	ug/l		100
90) Hexachloroethane	14.12	117	89718	51.154	ug/l		98
91) 1,2-Dichlorobenzene	13.90	146	205412	50.806	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	13404	47.819	ug/l		93

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	151601	52.957 ug/l	99
94) Hexachlorobutadiene	15.27	225	98558	53.884 ug/l	99
95) Naphthalene	15.41	128	235779	50.891 ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	123473	50.635 ug/l	98

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

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