Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD022420\
Data File : VD065302.D
Acq On : 24 Feb 2020 18:46
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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2/25/2020 5:15:54 PM

Quant Time: Feb 25 02:57:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	470736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	716947	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	655102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	317344	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	215208	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.64%			
35) Dibromofluoromethane	7.92	113	224862	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.88%			
50) Toluene-d8	10.34	98	859064	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.80%			
62) 4-Bromofluorobenzene	12.64	95	281724	53.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.42%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	193523	49.015	ug/l	100
3) Chloromethane	2.21	50	236123	46.986	ug/l	98
4) Vinyl Chloride	2.35	62	233326	45.659	ug/l	99
5) Bromomethane	2.77	94	147937	47.880	ug/l	99
6) Chloroethane	2.92	64	147438	47.267	ug/l	96
7) Trichlorofluoromethane	3.27	101	338326	46.244	ug/l	100
8) Diethyl Ether	3.70	74	114090	51.662	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.08	101	220951	47.823	ug/l	99
10) Methyl Iodide	4.30	142	262602	54.742	ug/l	99
11) Tert butyl alcohol	5.24	59	67416	266.409	ug/l	96
12) 1,1-Dichloroethene	4.06	96	213996	49.032	ug/l	98
13) Acrolein	3.92	56	92529	304.935	ug/l	100
14) Allyl chloride	4.71	41	359584	50.736	ug/l	97
15) Acrylonitrile	5.43	53	257116	262.971	ug/l	98
16) Acetone	4.16	43	235941	227.921	ug/l	97
17) Carbon Disulfide	4.40	76	692605	47.334	ug/l	99
18) Methyl Acetate	4.72	43	119282	51.233	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	492911	54.158	ug/l	100
20) Methylene Chloride	4.97	84	255855	56.079	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	249493	50.285	ug/l	97
22) Diisopropyl ether	6.37	45	729901	53.422	ug/l	100
23) Vinyl Acetate	6.31	43	2084878	276.790	ug/l	100
24) 1,1-Dichloroethane	6.27	63	426149	50.285	ug/l	97
25) 2-Butanone	7.22	43	324484	247.747	ug/l	100
26) 2,2-Dichloropropane	7.21	77	348427	47.386	ug/l	99
27) cis-1,2-Dichloroethene	7.22	96	265809	50.577	ug/l	99
28) Bromochloromethane	7.55	49	167753	53.356	ug/l	98
29) Tetrahydrofuran	7.57	42	212308	276.657	ug/l	99
30) Chloroform	7.71	83	427098	50.023	ug/l	99
31) Cyclohexane	7.98	56	385238	46.266	ug/l	99
32) 1,1,1-Trichloroethane	7.91	97	373384	48.878	ug/l	99
36) 1,1-Dichloropropene	8.11	75	329525	47.237	ug/l	99
37) Ethyl Acetate	7.30	43	146171	50.123	ug/l	98
38) Carbon Tetrachloride	8.10	117	335492	47.243	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.36	83	401415	48.946	ug/l		98
40) Benzene	8.36	78	982376	49.891	ug/l		99
41) Methacrylonitrile	7.53	41	96478	57.297	ug/l	#	86
42) 1,2-Dichloroethane	8.43	62	264657	48.892	ug/l		100
43) Isopropyl Acetate	8.46	43	271882	51.268	ug/l		99
44) Trichloroethene	9.11	130	265578	48.658	ug/l		100
45) 1,2-Dichloropropane	9.39	63	246280	50.301	ug/l		100
46) Dibromomethane	9.48	93	125935	49.991	ug/l		99
47) Bromodichloromethane	9.67	83	331994	50.008	ug/l		97
48) Methyl methacrylate	9.46	41	130494	53.235	ug/l		97
49) 1,4-Dioxane	9.47	88	31864	1078.455	ug/l		96
51) 4-Methyl-2-Pentanone	10.23	43	717821	266.499	ug/l		100
52) Toluene	10.41	92	623597	51.165	ug/l		99
53) t-1,3-Dichloropropene	10.63	75	319262	51.882	ug/l		98
54) cis-1,3-Dichloropropene	10.10	75	386841	52.059	ug/l		98
55) 1,1,2-Trichloroethane	10.80	97	179705	50.682	ug/l		99
56) Ethyl methacrylate	10.67	69	228796	55.906	ug/l		99
57) 1,3-Dichloropropane	10.95	76	313414	51.935	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.94	63	310445	240.605	ug/l		99
59) 2-Hexanone	10.99	43	496717	257.615	ug/l		97
60) Dibromochloromethane	11.14	129	230834	50.864	ug/l		99
61) 1,2-Dibromoethane	11.26	107	173799	51.770	ug/l		98
64) Tetrachloroethene	10.88	164	225109	48.450	ug/l		98
65) Chlorobenzene	11.68	112	651658	49.570	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.75	131	243072	49.548	ug/l		99
67) Ethyl Benzene	11.75	91	1170328	50.830	ug/l		100
68) m/p-Xylenes	11.86	106	891494	101.204	ug/l		99
69) o-Xylene	12.18	106	409188	52.432	ug/l		98
70) Styrene	12.20	104	718073	51.824	ug/l		99
71) Bromoform	12.37	173	135746	49.865	ug/l	#	99
73) Isopropylbenzene	12.48	105	1087628	51.768	ug/l		99
74) N-amyl acetate	12.30	43	247294	52.971	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.74	83	193070	50.918	ug/l		98
76) 1,2,3-Trichloropropane	12.79	75	130455m	48.316	ug/l		
77) Bromobenzene	12.77	156	267956	51.361	ug/l		100
78) n-propylbenzene	12.83	91	1287049	50.977	ug/l		99
79) 2-Chlorotoluene	12.91	91	720937	50.971	ug/l		99
80) 1,3,5-Trimethylbenzene	12.97	105	906061	52.361	ug/l		98
81) trans-1,4-Dichloro-2-buten	12.54	75	63201	50.540	ug/l		96
82) 4-Chlorotoluene	13.01	91	756247	50.363	ug/l		99
83) tert-Butylbenzene	13.23	119	749416	51.673	ug/l		99
84) 1,2,4-Trimethylbenzene	13.28	105	893356	51.579	ug/l		99
85) sec-Butylbenzene	13.41	105	1053376	50.405	ug/l		100
86) p-Isopropyltoluene	13.53	119	974571	50.995	ug/l		100
87) 1,3-Dichlorobenzene	13.53	146	507502	50.319	ug/l		99
88) 1,4-Dichlorobenzene	13.60	146	492967	49.524	ug/l		100
89) n-Butylbenzene	13.85	91	899693	51.088	ug/l		100
90) Hexachloroethane	14.12	117	190109	48.991	ug/l		100
91) 1,2-Dichlorobenzene	13.90	146	431632	49.842	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	27958	47.846	ug/l		91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	293782	51.863	ug/l	98
94) Hexachlorobutadiene	15.28	225	173825	47.836	ug/l	98
95) Naphthalene	15.41	128	516836	56.124	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	262694	53.099	ug/l	99

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

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