Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD040920\
Data File : VD065606.D
Acq On : 09 Apr 2020 10:40
Operator : VA/SY
Sample : VSTDICC005
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
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4/10/2020 2:58:32 PM

Quant Time: Apr 10 01:38:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040920S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 10 01:11:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.98	168	430782	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.87	114	640935	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.65	117	592833	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	302821	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.33	65	23773	5.84	ug/l		0.00
Spiked Amount 50.000			Recovery = 11.68%				
35) Dibromofluoromethane	7.92	113	25253	5.64	ug/l		0.00
Spiked Amount 50.000			Recovery = 11.28%				
50) Toluene-d8	10.34	98	85403	5.22	ug/l		0.00
Spiked Amount 50.000			Recovery = 10.44%				
62) 4-Bromofluorobenzene	12.64	95	27778	5.29	ug/l		0.00
Spiked Amount 50.000			Recovery = 10.58%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.99	85	21699	5.586	ug/l		95
3) Chloromethane	2.21	50	27541	5.701	ug/l		99
4) Vinyl Chloride	2.35	62	24615	5.450	ug/l		99
5) Bromomethane	2.77	94	19254	6.045	ug/l		93
6) Chloroethane	2.92	64	15574	5.599	ug/l		99
7) Trichlorofluoromethane	3.27	101	39254	5.730	ug/l		97
8) Diethyl Ether	3.71	74	7120	5.031	ug/l		93
9) 1,1,2-Trichlorotrifluoroet	4.09	101	25484	5.691	ug/l		98
10) Methyl Iodide	4.29	142	19651	4.459	ug/l		99
11) Tert butyl alcohol	5.24	59	5586m	26.919	ug/l		
12) 1,1-Dichloroethene	4.06	96	22898	5.544	ug/l		94
13) Acrolein	3.92	56	7219	25.286	ug/l		99
14) Allyl chloride	4.71	41	31714	5.176	ug/l		96
15) Acrylonitrile	5.44	53	20922	25.067	ug/l		97
16) Acetone	4.16	43	20911	28.424	ug/l		97
17) Carbon Disulfide	4.40	76	75980	5.529	ug/l		99
18) Methyl Acetate	4.73	43	11356	5.259	ug/l		91
19) Methyl tert-butyl Ether	5.48	73	37158	4.654	ug/l		93
20) Methylene Chloride	4.97	84	30380	6.247	ug/l		97
21) trans-1,2-Dichloroethene	5.47	96	24637	5.256	ug/l		91
22) Diisopropyl ether	6.37	45	52122	4.426	ug/l	#	90
23) Vinyl Acetate	6.31	43	129712m	21.436	ug/l		
24) 1,1-Dichloroethane	6.26	63	42940	5.481	ug/l		98
25) 2-Butanone	7.23	43	25090	24.916	ug/l		94
26) 2,2-Dichloropropane	7.21	77	39270	5.601	ug/l		95
27) cis-1,2-Dichloroethene	7.21	96	23772	4.955	ug/l		94
28) Bromochloromethane	7.55	49	16602	5.280	ug/l		97
29) Tetrahydrofuran	7.57	42	14643	23.141	ug/l		96
30) Chloroform	7.71	83	44084	5.374	ug/l		99
31) Cyclohexane	7.99	56	41798	5.751	ug/l	#	86
32) 1,1,1-Trichloroethane	7.90	97	41346	5.577	ug/l		97
36) 1,1-Dichloropropene	8.11	75	33814	5.124	ug/l		97
37) Ethyl Acetate	7.30	43	11812	4.821	ug/l	#	93
38) Carbon Tetrachloride	8.10	117	38439	5.365	ug/l		94

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ALS Vial : 3 Sample Multiplier: 1

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040920S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 10 01:11:51 2020
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Instrument : MSVOA_D
ClientSampleId : VSTDICC005

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	9.36	83	34875	4.669 ug/l		95
40) Benzene	8.36	78	95675	5.075 ug/l		98
41) Methacrylonitrile	7.54	41	6474	4.521 ug/l	#	100
42) 1,2-Dichloroethane	8.43	62	26847	5.098 ug/l		99
43) Isopropyl Acetate	8.46	43	20095	4.495 ug/l		94
44) Trichloroethene	9.11	130	28044	5.176 ug/l		99
45) 1,2-Dichloropropane	9.39	63	23140	5.041 ug/l		98
46) Dibromomethane	9.48	93	12421	5.034 ug/l		97
47) Bromodichloromethane	9.67	83	32779	5.066 ug/l		96
48) Methyl methacrylate	9.46	41	8910	4.298 ug/l	#	90
49) 1,4-Dioxane	9.47	88	2154	82.423 ug/l	#	82
51) 4-Methyl-2-Pentanone	10.23	43	49815	21.625 ug/l		95
52) Toluene	10.41	92	57504	4.824 ug/l		96
53) t-1,3-Dichloropropene	10.63	75	26556	4.624 ug/l		100
54) cis-1,3-Dichloropropene	10.10	75	32300	4.593 ug/l		96
55) 1,1,2-Trichloroethane	10.80	97	17137	4.949 ug/l		91
56) Ethyl methacrylate	10.67	69	12998	3.722 ug/l	#	88
57) 1,3-Dichloropropane	10.96	76	28512	4.971 ug/l		98
58) 2-Chloroethyl Vinyl ether	9.95	63	38632	21.064 ug/l		98
59) 2-Hexanone	10.99	43	31403	20.512 ug/l		94
60) Dibromochloromethane	11.14	129	22930	4.972 ug/l		100
61) 1,2-Dibromoethane	11.25	107	16069	4.882 ug/l		97
64) Tetrachloroethene	10.88	164	26002	5.514 ug/l		98
65) Chlorobenzene	11.68	112	68241	5.315 ug/l		94
66) 1,1,1,2-Tetrachloroethane	11.75	131	25631	5.240 ug/l		99
67) Ethyl Benzene	11.75	91	101541	4.789 ug/l		98
68) m/p-Xylenes	11.86	106	76767	9.178 ug/l		98
69) o-Xylene	12.18	106	31609	4.386 ug/l		99
70) Styrene	12.20	104	53109	4.168 ug/l		97
71) Bromoform	12.36	173	14228	5.187 ug/l	#	100
73) Isopropylbenzene	12.48	105	86721	4.495 ug/l		99
74) N-amyl acetate	12.30	43	15550	4.069 ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.74	83	18312	5.163 ug/l		97
76) 1,2,3-Trichloropropane	12.79	75	9564m	2.351 ug/l		
77) Bromobenzene	12.77	156	27342	5.169 ug/l		96
78) n-propylbenzene	12.83	91	103557	4.447 ug/l		99
79) 2-Chlorotoluene	12.91	91	63900	4.788 ug/l		99
80) 1,3,5-Trimethylbenzene	12.97	105	72134	4.436 ug/l		99
81) trans-1,4-Dichloro-2-buten	12.54	75	4310	4.111 ug/l	#	77
82) 4-Chlorotoluene	13.01	91	70104	4.880 ug/l		100
83) tert-Butylbenzene	13.23	119	59830	4.400 ug/l		97
84) 1,2,4-Trimethylbenzene	13.28	105	69842	4.322 ug/l		98
85) sec-Butylbenzene	13.41	105	87075	4.500 ug/l		99
86) p-Isopropyltoluene	13.53	119	77523	4.342 ug/l		99
87) 1,3-Dichlorobenzene	13.53	146	53147	5.210 ug/l		98
88) 1,4-Dichlorobenzene	13.61	146	54566	5.356 ug/l		93
89) n-Butylbenzene	13.85	91	75403	4.679 ug/l		95
90) Hexachloroethane	14.12	117	21233	5.451 ug/l		97
91) 1,2-Dichlorobenzene	13.90	146	44097	5.081 ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.53	75	3145	5.748 ug/l		88

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	28141	4.937 ug/l	98
94) Hexachlorobutadiene	15.28	225	21384	5.397 ug/l	99
95) Naphthalene	15.41	128	36154	4.377 ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	23851	4.834 ug/l	96

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

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