Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010220\
Data File : VD064711.D
Acq On : 02 Jan 2020 12:10
Operator : VA/SY
Sample : VD0102SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0102SBSD01

Manual Integrations APPROVED
apatel
1/3/2020 11:10:20 AM

Quant Time: Jan 03 00:34:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.98	168	429035	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.87	114	620305	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.65	117	543887	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	269160	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.33	65	190703	50.41	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.82%				
35) Dibromofluoromethane	7.92	113	195432	51.35	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.70%				
50) Toluene-d8	10.34	98	747289	51.27	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.54%				
62) 4-Bromofluorobenzene	12.64	95	239383	51.94	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.88%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.99	85	66629	19.983	ug/l		94
3) Chloromethane	2.21	50	95624	20.506	ug/l		96
4) Vinyl Chloride	2.35	62	117957	20.747	ug/l		96
5) Bromomethane	2.76	94	86583	20.944	ug/l		96
6) Chloroethane	2.92	64	78039	20.484	ug/l		98
7) Trichlorofluoromethane	3.27	101	200626	20.957	ug/l		98
8) Diethyl Ether	3.70	74	39657	20.861	ug/l		99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	81630	20.589	ug/l		99
10) Methyl Iodide	4.29	142	88688	20.825	ug/l		99
11) Tert butyl alcohol	5.24	59	21533	99.315	ug/l		98
12) 1,1-Dichloroethene	4.06	96	78117	20.695	ug/l		91
13) Acrolein	3.93	56	25082	83.008	ug/l		99
14) Allyl chloride	4.70	41	123210	20.936	ug/l		99
15) Acrylonitrile	5.43	53	81647	103.109	ug/l		99
16) Acetone	4.17	43	85213	102.257	ug/l	#	87
17) Carbon Disulfide	4.40	76	245185	20.089	ug/l		99
18) Methyl Acetate	4.73	43	44374	20.834	ug/l		96
19) Methyl tert-butyl Ether	5.48	73	172901	20.623	ug/l		99
20) Methylene Chloride	4.97	84	92702	21.138	ug/l		96
21) trans-1,2-Dichloroethene	5.47	96	89472	20.814	ug/l		97
22) Diisopropyl ether	6.37	45	247838	21.114	ug/l		98
23) Vinyl Acetate	6.31	43	683503	102.649	ug/l		100
24) 1,1-Dichloroethane	6.27	63	148609	21.089	ug/l		98
25) 2-Butanone	7.22	43	106347	102.266	ug/l		94
26) 2,2-Dichloropropane	7.21	77	136654	20.857	ug/l		99
27) cis-1,2-Dichloroethene	7.21	96	97985	21.121	ug/l		99
28) Bromochloromethane	7.55	49	50165	18.313	ug/l		98
29) Tetrahydrofuran	7.57	42	64818	100.230	ug/l		99
30) Chloroform	7.71	83	156703	21.195	ug/l		97
31) Cyclohexane	7.98	56	142902	20.259	ug/l	#	94
32) 1,1,1-Trichloroethane	7.90	97	145858	21.004	ug/l		99
36) 1,1-Dichloropropene	8.11	75	121308	20.318	ug/l		99
37) Ethyl Acetate	7.30	43	48784	20.799	ug/l		98
38) Carbon Tetrachloride	8.09	117	131721	20.691	ug/l		97

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Quant Time: Jan 03 00:34:49 2020
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.36	83	146999	20.328	ug/l		97
40) Benzene	8.35	78	334194	20.504	ug/l		94
41) Methacrylonitrile	7.53	41	24179	17.768	ug/l	#	83
42) 1,2-Dichloroethane	8.43	62	100658	21.372	ug/l		98
43) Isopropyl Acetate	8.46	43	94714	20.288	ug/l		98
44) Trichloroethene	9.11	130	99918	20.868	ug/l		91
45) 1,2-Dichloropropane	9.39	63	81846	21.032	ug/l		99
46) Dibromomethane	9.47	93	45715	21.070	ug/l		100
47) Bromodichloromethane	9.66	83	118293	20.489	ug/l		95
48) Methyl methacrylate	9.46	41	44176	20.097	ug/l		93
49) 1,4-Dioxane	9.47	88	9542	381.413	ug/l		87
51) 4-Methyl-2-Pentanone	10.23	43	229210	99.331	ug/l		99
52) Toluene	10.40	92	221308	20.696	ug/l		99
53) t-1,3-Dichloropropene	10.62	75	112668	20.932	ug/l		95
54) cis-1,3-Dichloropropene	10.09	75	132663	20.902	ug/l		100
55) 1,1,2-Trichloroethane	10.80	97	59864	20.474	ug/l		92
56) Ethyl methacrylate	10.66	69	73852	20.224	ug/l		99
57) 1,3-Dichloropropane	10.95	76	105013	20.859	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.94	63	148351	106.631	ug/l		100
59) 2-Hexanone	10.98	43	156384	99.851	ug/l		99
60) Dibromochloromethane	11.14	129	83186	20.573	ug/l		99
61) 1,2-Dibromoethane	11.25	107	58173	20.171	ug/l		99
64) Tetrachloroethene	10.88	164	84564	20.266	ug/l		97
65) Chlorobenzene	11.67	112	233788	20.711	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.75	131	89724	21.084	ug/l		98
67) Ethyl Benzene	11.75	91	421667	20.580	ug/l		99
68) m/p-Xylenes	11.86	106	318932	40.329	ug/l		96
69) o-Xylene	12.18	106	147696	20.677	ug/l		99
70) Styrene	12.20	104	255845	20.405	ug/l		99
71) Bromoform	12.36	173	49902	20.563	ug/l	#	99
73) Isopropylbenzene	12.48	105	401223	20.859	ug/l		99
74) N-amyl acetate	12.29	43	82967	20.178	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.74	83	62548	20.700	ug/l		97
76) 1,2,3-Trichloropropane	12.79	75	46443m	21.851	ug/l		
77) Bromobenzene	12.77	156	101621	21.501	ug/l		96
78) n-propylbenzene	12.83	91	473977	21.122	ug/l		98
79) 2-Chlorotoluene	12.91	91	254760	20.667	ug/l		99
80) 1,3,5-Trimethylbenzene	12.97	105	327396	20.721	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.53	75	20980	20.645	ug/l		99
82) 4-Chlorotoluene	13.01	91	274091	20.894	ug/l		99
83) tert-Butylbenzene	13.23	119	283487	20.664	ug/l		96
84) 1,2,4-Trimethylbenzene	13.27	105	331963	21.095	ug/l		97
85) sec-Butylbenzene	13.41	105	392904	20.891	ug/l		98
86) p-Isopropyltoluene	13.53	119	372482	20.712	ug/l		99
87) 1,3-Dichlorobenzene	13.52	146	186719	20.724	ug/l		98
88) 1,4-Dichlorobenzene	13.60	146	183263	20.705	ug/l		99
89) n-Butylbenzene	13.85	91	336803	20.797	ug/l		100
90) Hexachloroethane	14.12	117	70442	20.506	ug/l		100
91) 1,2-Dichlorobenzene	13.90	146	158811	20.671	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	10208	20.840	ug/l		95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	114695	20.275	ug/l	98
94) Hexachlorobutadiene	15.28	225	70130	19.701	ug/l	97
95) Naphthalene	15.41	128	185291	20.705	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	97476	20.184	ug/l	99

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

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