Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY080320\
Data File : VY003407.D
Acq On : 03 Aug 2020 11:16
Operator : SY/MD
Sample : VY0803SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VY0803SBS01

Manual Integrations APPROVED
MMDadoda
8/4/2020 1:51:09 PM

Quant Time: Aug 04 01:50:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 31 13:09:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	475884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	706649	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	644352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	347294	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	234427	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.62%			
35) Dibromofluoromethane	7.72	113	216782	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.16%			
50) Toluene-d8	10.18	98	841466	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.24%			
62) 4-Bromofluorobenzene	12.48	95	287019	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.08%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	87296	22.402	ug/l	98
3) Chloromethane	2.12	50	113260	21.222	ug/l	100
4) Vinyl Chloride	2.26	62	114977	21.461	ug/l	97
5) Bromomethane	2.64	94	93626	23.657	ug/l	97
6) Chloroethane	2.79	64	72323	21.521	ug/l	96
7) Trichlorofluoromethane	3.13	101	154324	21.332	ug/l	97
8) Diethyl Ether	3.54	74	53829	21.368	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	92898	21.498	ug/l	100
10) Methyl Iodide	4.10	142	84694	16.883	ug/l	97
11) Tert butyl alcohol	4.96	59	54558	118.803	ug/l	99
12) 1,1-Dichloroethene	3.88	96	90957	21.698	ug/l	97
13) Acrolein	3.73	56	50300	105.622	ug/l	100
14) Allyl chloride	4.48	41	147633	21.027	ug/l	99
15) Acrylonitrile	5.17	53	136419	109.146	ug/l	99
16) Acetone	3.95	43	115742	103.529	ug/l	96
17) Carbon Disulfide	4.20	76	291187	21.308	ug/l	98
18) Methyl Acetate	4.48	43	63627	21.572	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	242678	20.942	ug/l	98
20) Methylene Chloride	4.72	84	127373	16.804	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	98983	20.888	ug/l	97
22) Diisopropyl ether	6.13	45	314619	21.329	ug/l	98
23) Vinyl Acetate	6.07	43	1040995	107.723	ug/l	97
24) 1,1-Dichloroethane	6.02	63	172887	20.915	ug/l	98
25) 2-Butanone	6.99	43	179840	105.559	ug/l	99
26) 2,2-Dichloropropane	6.98	77	159770	21.661	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	110940	21.305	ug/l	98
28) Bromochloromethane	7.34	49	72504	22.548	ug/l	99
29) Tetrahydrofuran	7.35	42	122659	110.348	ug/l	100
30) Chloroform	7.51	83	171090	20.867	ug/l	96
31) Cyclohexane	7.78	56	164647	20.528	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	157283	21.025	ug/l	100
36) 1,1-Dichloropropene	7.92	75	136400	20.398	ug/l	98
37) Ethyl Acetate	7.08	43	83148	21.867	ug/l	100
38) Carbon Tetrachloride	7.90	117	143478	20.851	ug/l	97

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Quant Time: Aug 04 01:50:26 2020
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Quant Title : SW846 8260
QLast Update : Fri Jul 31 13:09:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
39) Methylcyclohexane	9.18	83	170991	20.957 ug/l	99
40) Benzene	8.16	78	388952	20.963 ug/l	98
41) Methacrylonitrile	7.33	41	45760m	20.992 ug/l	
42) 1,2-Dichloroethane	8.24	62	118313	20.937 ug/l	100
43) Isopropyl Acetate	8.27	43	151550	21.117 ug/l	98
44) Trichloroethene	8.94	130	108381	20.311 ug/l	99
45) 1,2-Dichloropropane	9.22	63	101715	20.934 ug/l	98
46) Dibromomethane	9.31	93	57660	21.151 ug/l	98
47) Bromodichloromethane	9.50	83	138617	21.102 ug/l	99
48) Methyl methacrylate	9.29	41	69856	21.564 ug/l	98
49) 1,4-Dioxane	9.30	88	14587	413.427 ug/l	89
51) 4-Methyl-2-Pentanone	10.07	43	401029	106.628 ug/l	100
52) Toluene	10.24	92	237772	20.433 ug/l	97
53) t-1,3-Dichloropropene	10.47	75	145669	20.893 ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	164346	20.800 ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	80347	21.013 ug/l	95
56) Ethyl methacrylate	10.51	69	110463	20.867 ug/l	98
57) 1,3-Dichloropropane	10.79	76	140589	21.156 ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	272759	111.241 ug/l	99
59) 2-Hexanone	10.83	43	280021	106.833 ug/l	100
60) Dibromochloromethane	10.98	129	99913	20.807 ug/l	97
61) 1,2-Dibromoethane	11.09	107	76270	20.589 ug/l	99
64) Tetrachloroethene	10.72	164	112046	20.800 ug/l	97
65) Chlorobenzene	11.52	112	261358	20.670 ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	103876	21.121 ug/l	98
67) Ethyl Benzene	11.59	91	474559	20.815 ug/l	100
68) m/p-Xylenes	11.70	106	359088	41.778 ug/l	100
69) o-Xylene	12.03	106	167796	20.854 ug/l	97
70) Styrene	12.04	104	288145	20.930 ug/l	99
71) Bromoform	12.20	173	66451	20.792 ug/l	98
73) Isopropylbenzene	12.33	105	457966	20.403 ug/l	99
74) N-amyl acetate	12.14	43	139086	21.024 ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	92309	20.762 ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	66934m	21.454 ug/l	
77) Bromobenzene	12.61	156	118723	20.817 ug/l	99
78) n-propylbenzene	12.67	91	554517	20.642 ug/l	100
79) 2-Chlorotoluene	12.75	91	308464	20.695 ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	397601	21.098 ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	35308	21.403 ug/l	97
82) 4-Chlorotoluene	12.85	91	321584	20.763 ug/l	100
83) tert-Butylbenzene	13.07	119	346202	21.160 ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	390356	20.609 ug/l	99
85) sec-Butylbenzene	13.25	105	477940	21.001 ug/l	99
86) p-Isopropyltoluene	13.37	119	440786	20.708 ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	222418	20.417 ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	223091	20.771 ug/l	98
89) n-Butylbenzene	13.69	91	418434	20.802 ug/l	99
90) Hexachloroethane	13.96	117	85833	21.050 ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	199623	20.759 ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	15725	21.954 ug/l	95

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8/4/2020 1:51:09 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	142739	20.946 ug/l	99
94) Hexachlorobutadiene	15.11	225	96724	21.432 ug/l	98
95) Naphthalene	15.23	128	239140	20.716 ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	113882	20.656 ug/l	98

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

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