Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY052820\
Data File : VY002781.D
Acq On : 28 May 2020 10:10
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
MMDadoda
5/29/2020 10:57:03 AM

Quant Time: May 28 16:52:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	306140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	447223	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	416493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	221112	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	126447	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.14%			
35) Dibromofluoromethane	7.72	113	127117	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.00%			
50) Toluene-d8	10.18	98	509670	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.18%			
62) 4-Bromofluorobenzene	12.48	95	175487	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.92%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	105389	50.031	ug/l	97
3) Chloromethane	2.12	50	118359	50.798	ug/l	98
4) Vinyl Chloride	2.26	62	130968	53.180	ug/l	99
5) Bromomethane	2.65	94	91936	49.815	ug/l	97
6) Chloroethane	2.80	64	81082	50.788	ug/l	100
7) Trichlorofluoromethane	3.13	101	214792	49.245	ug/l	98
8) Diethyl Ether	3.54	74	78046	45.825	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	131323	50.709	ug/l	99
10) Methyl Iodide	4.10	142	174609	48.185	ug/l	99
11) Tert butyl alcohol	4.97	59	71952	251.948	ug/l	99
12) 1,1-Dichloroethene	3.88	96	131432	50.466	ug/l	96
13) Acrolein	3.74	56	76214	244.664	ug/l	99
14) Allyl chloride	4.49	41	189942	50.851	ug/l	99
15) Acrylonitrile	5.17	53	197304	256.794	ug/l	99
16) Acetone	3.96	43	177985	285.552	ug/l	97
17) Carbon Disulfide	4.20	76	390305	49.594	ug/l	99
18) Methyl Acetate	4.49	43	77834	49.761	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	361869	50.331	ug/l	99
20) Methylene Chloride	4.72	84	144203	47.341	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	145999	49.848	ug/l	96
22) Diisopropyl ether	6.13	45	397698	51.236	ug/l	98
23) Vinyl Acetate	6.07	43	1354840	264.372	ug/l	99
24) 1,1-Dichloroethane	6.03	63	231584	51.002	ug/l	99
25) 2-Butanone	6.99	43	255036	262.625	ug/l	100
26) 2,2-Dichloropropane	6.99	77	216951	49.819	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	163900	49.988	ug/l	99
28) Bromochloromethane	7.34	49	91463	49.068	ug/l	99
29) Tetrahydrofuran	7.35	42	162696	257.566	ug/l	100
30) Chloroform	7.52	83	247306	51.327	ug/l	95
31) Cyclohexane	7.79	56	216477	48.018	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	228072	50.796	ug/l	100
36) 1,1-Dichloropropene	7.92	75	194486	51.625	ug/l	100
37) Ethyl Acetate	7.08	43	106936	52.172	ug/l	99
38) Carbon Tetrachloride	7.91	117	211912	50.635	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.19	83	252898	50.929	ug/l		99
40) Benzene	8.16	78	574216	51.584	ug/l		99
41) Methacrylonitrile	7.33	41	57695m	52.395	ug/l		
42) 1,2-Dichloroethane	8.24	62	158461	50.794	ug/l		99
43) Isopropyl Acetate	8.28	43	201695	51.927	ug/l		100
44) Trichloroethene	8.94	130	178259	50.697	ug/l		100
45) 1,2-Dichloropropane	9.22	63	136704	51.210	ug/l		99
46) Dibromomethane	9.31	93	81002	51.093	ug/l		99
47) Bromodichloromethane	9.50	83	195684	52.358	ug/l		99
48) Methyl methacrylate	9.30	41	92246	52.609	ug/l		99
49) 1,4-Dioxane	9.30	88	24860	1021.247	ug/l		99
51) 4-Methyl-2-Pentanone	10.07	43	543185	264.096	ug/l		99
52) Toluene	10.24	92	375485	51.563	ug/l		100
53) t-1,3-Dichloropropene	10.47	75	211898	51.907	ug/l		100
54) cis-1,3-Dichloropropene	9.93	75	240758	52.049	ug/l		100
55) 1,1,2-Trichloroethane	10.64	97	123049	50.697	ug/l		94
56) Ethyl methacrylate	10.51	69	170557	52.464	ug/l		99
57) 1,3-Dichloropropane	10.79	76	206069	51.619	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.78	63	406571	255.947	ug/l		100
59) 2-Hexanone	10.83	43	395191	270.803	ug/l		100
60) Dibromochloromethane	10.99	129	159059	51.690	ug/l		99
61) 1,2-Dibromoethane	11.09	107	123555	51.605	ug/l		99
64) Tetrachloroethene	10.72	164	191107	50.486	ug/l		97
65) Chlorobenzene	11.52	112	418944	50.892	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.59	131	160030	51.617	ug/l		100
67) Ethyl Benzene	11.60	91	732425	51.322	ug/l		99
68) m/p-Xylenes	11.70	106	570183	103.048	ug/l		100
69) o-Xylene	12.03	106	269466	51.587	ug/l		100
70) Styrene	12.05	104	473162	52.253	ug/l		100
71) Bromoform	12.20	173	108531	52.316	ug/l	#	100
73) Isopropylbenzene	12.33	105	739998	52.224	ug/l		100
74) N-amyl acetate	12.14	43	194086	53.383	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.58	83	129974	52.279	ug/l		99
76) 1,2,3-Trichloropropane	12.63	75	107120m	53.765	ug/l		
77) Bromobenzene	12.61	156	188341	51.046	ug/l		99
78) n-propylbenzene	12.67	91	860398	52.567	ug/l		100
79) 2-Chlorotoluene	12.75	91	472370	51.448	ug/l		100
80) 1,3,5-Trimethylbenzene	12.81	105	616853	52.138	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.38	75	56358	53.293	ug/l		98
82) 4-Chlorotoluene	12.86	91	499989	51.976	ug/l		100
83) tert-Butylbenzene	13.08	119	549715	52.089	ug/l		100
84) 1,2,4-Trimethylbenzene	13.12	105	622066	52.291	ug/l		100
85) sec-Butylbenzene	13.25	105	751512	52.080	ug/l		100
86) p-Isopropyltoluene	13.37	119	700748	52.190	ug/l		100
87) 1,3-Dichlorobenzene	13.36	146	354804	50.767	ug/l		99
88) 1,4-Dichlorobenzene	13.45	146	355767	50.888	ug/l		100
89) n-Butylbenzene	13.70	91	639932	52.495	ug/l		99
90) Hexachloroethane	13.96	117	130854	52.057	ug/l		99
91) 1,2-Dichlorobenzene	13.74	146	324646	51.220	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	25064	52.400	ug/l		97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	237788	49.773	ug/l	99
94) Hexachlorobutadiene	15.11	225	135430	49.981	ug/l	99
95) Naphthalene	15.23	128	482993	50.423	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	211326	49.535	ug/l	100

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

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