Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081020\
Data File : VX017854.D
Acq On : 10 Aug 2020 16:54
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTD00569

Quant Time: Aug 11 07:16:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 11 07:12:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	298744	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	289082	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	151261	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	78789	3.82	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.40%			
7) Chloroethane-d5	1.69	69	75382	4.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.00%			
11) 1,1-Dichloroethene-d2	2.34	63	182125	4.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.60%			
20) 2-Butanone-d5	4.54	46	335980	61.28	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 122.56%			
24) Chloroform-d	5.14	84	209217	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.80%			
26) 1,2-Dichloroethane-d4	6.03	65	120323	5.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.60%			
32) Benzene-d6	6.05	84	351021	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.40%			
36) 1,2-Dichloropropane-d6	7.37	67	120669	4.92	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.40%			
41) Toluene-d8	8.70	98	315460	4.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.60%			
45) trans-1,3-Dichloropropene-	8.99	79	51144	4.81	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.20%			
48) 2-Hexanone-d5	9.43	63	269100	60.94	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 121.88%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	102957	5.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.40%			
65) 1,2-Dichlorobenzene-d4	12.36	152	144725	4.97	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	164362	4.732	ug/L	97
3) Chloromethane	1.31	50	153031	5.395	ug/L	99
5) Vinyl chloride	1.39	62	151861	5.397	ug/L	98
6) Bromomethane	1.63	94	90696	5.539	ug/L	88
8) Chloroethane	1.71	64	87493	5.559	ug/L	94
9) Trichlorofluoromethane	1.92	101	236907	5.232	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	128818	5.213	ug/L	98
12) 1,1-Dichloroethene	2.36	96	120614	5.267	ug/L	91
13) Acetone	2.43	43	229893	57.395	ug/L	100
14) Carbon disulfide	2.55	76	395890	4.814	ug/L	97
15) Methyl Acetate	2.75	43	57437	4.864	ug/L	96
16) Methylene chloride	2.83	84	143926	4.550	ug/L	99
17) Methyl tert-butyl Ether	3.17	73	328959	5.365	ug/L	99
18) trans-1,2-Dichloroethene	3.14	96	131528	5.062	ug/L	97
19) 1,1-Dichloroethane	3.67	63	245767	5.303	ug/L	97
21) 2-Butanone	4.64	43	379245	54.821	ug/L	100
22) cis-1,2-Dichloroethene	4.56	96	144839	5.312	ug/L #	96

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.98	128	69560	5.451 ug/L	98
25) Chloroform	5.18	83	266523	5.340 ug/L	99
27) 1,2-Dichloroethane	6.17	62	166625	5.204 ug/L	98
29) 1,1,1-Trichloroethane	5.46	97	246921	5.206 ug/L	99
30) Cyclohexane	5.54	56	196630	4.779 ug/L	99
31) Carbon tetrachloride	5.76	117	227343	5.201 ug/L	98
33) Benzene	6.11	78	538051	5.257 ug/L	100
34) Trichloroethene	7.19	95	148503	4.971 ug/L	90
35) Methylcyclohexane	7.44	83	198198	4.719 ug/L	99
37) 1,2-Dichloropropane	7.49	63	140505	5.460 ug/L	100
38) Bromodichloromethane	7.88	83	189668	5.291 ug/L	96
39) cis-1,3-Dichloropropene	8.42	75	195876	4.944 ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	928225	55.397 ug/L	98
42) Toluene	8.76	91	579332	5.215 ug/L	98
43) 1,3,5-Trimethylbenzene	11.49	105	531779	5.244 ug/L	100
44) 1,2,4-Trimethylbenzene	11.79	105	544775	5.275 ug/L	99
46) trans-1,3-Dichloropropene	9.02	75	178203	5.042 ug/L	96
47) 1,1,2-Trichloroethane	9.20	97	106104	5.495 ug/L	98
49) Tetrachloroethene	9.32	164	120665	5.049 ug/L	96
50) 2-Hexanone	9.48	43	668652	55.673 ug/L	100
51) Dibromochloromethane	9.57	129	138947	5.224 ug/L	94
52) 1,2-Dibromoethane	9.65	107	103329	5.466 ug/L	96
53) Chlorobenzene	10.12	112	388458	5.372 ug/L	97
54) Ethylbenzene	10.24	91	626462	5.167 ug/L	97
55) m,p-xylene	10.34	106	246976	5.335 ug/L	96
56) o-xylene	10.68	106	233328	5.198 ug/L	99
57) Styrene	10.70	104	408978	5.388 ug/L	99
58) Isopropylbenzene	11.00	105	627958	5.227 ug/L	100
60) 1,1,2,2-Tetrachloroethane	11.25	83	116518	5.494 ug/L	97
62) Bromoform	10.84	173	84650	5.596 ug/L	99
63) 1,3-Dichlorobenzene	12.01	146	306735	5.207 ug/L	98
64) 1,4-Dichlorobenzene	12.08	146	314159	5.361 ug/L	98
66) 1,2-Dichlorobenzene	12.38	146	297016	5.428 ug/L	96
67) 1,2-Dibromo-3-chloropropan	12.98	75	25857	5.439 ug/L	96
68) 1,3,5-Trichlorobenzene	13.15	180	223563	5.139 ug/L	99
69) 1,2,4-trichlorobenzene	13.63	180	194975	5.063 ug/L	98
70) Naphthalene	13.82	128	381753	5.396 ug/L	99
71) 1,2,3-Trichlorobenzene	14.00	180	190601	5.260 ug/L	98

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

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