Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092220\
Data File : VX018539.D
Acq On : 23 Sep 2020 15:48
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTD005309

Quant Time: Sep 24 00:50:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR092220WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 24 00:42:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	279495	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	275756	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	143194	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	75601	4.96	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.20%			
7) Chloroethane-d5	1.70	69	61462	5.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.60%			
11) 1,1-Dichloroethene-d2	2.34	63	172807	5.24	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 104.80%			
20) 2-Butanone-d5	4.56	46	188708	52.74	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.48%			
24) Chloroform-d	5.14	84	171732	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.20%			
26) 1,2-Dichloroethane-d4	6.03	65	92378	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.40%			
32) Benzene-d6	6.04	84	320270	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.20%			
36) 1,2-Dichloropropane-d6	7.37	67	94537	4.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.60%			
41) Toluene-d8	8.70	98	315797	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.40%			
43) trans-1,3-Dichloropropene-	8.99	79	42323	5.23	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 104.60%			
46) 2-Hexanone-d5	9.43	63	157926	53.16	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.32%			
56) 1,1,2,2-Tetrachloroethane-	11.23	84	73874	5.33	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.60%			
66) 1,2-Dichlorobenzene-d4	12.36	152	112859	4.96	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	83392	5.116	ug/L	96
3) Chloromethane	1.31	50	72561	5.208	ug/L	99
5) Vinyl chloride	1.39	62	72959	5.066	ug/L	98
6) Bromomethane	1.64	94	44041	5.057	ug/L	98
8) Chloroethane	1.72	64	41084	5.091	ug/L	98
9) Trichlorofluoromethane	1.92	101	126392	5.299	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	72808	5.340	ug/L	98
12) 1,1-Dichloroethene	2.36	96	66613	5.260	ug/L	98
13) Acetone	2.45	43	101942	50.924	ug/L	98
14) Carbon disulfide	2.55	76	200674	4.976	ug/L	96
15) Methyl Acetate	2.76	43	26368	5.266	ug/L #	91
16) Methylene chloride	2.83	84	76841	4.509	ug/L	92
17) Methyl tert-butyl Ether	3.17	73	146735	5.133	ug/L	98
18) trans-1,2-Dichloroethene	3.14	96	66253	5.055	ug/L	90
19) 1,1-Dichloroethane	3.67	63	122365	5.228	ug/L	99
21) 2-Butanone	4.67	43	160928	54.694	ug/L	98
22) cis-1,2-Dichloroethene	4.56	96	67946	5.021	ug/L	99

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR092220WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 24 00:42:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.98	128	32904	4.950 ug/L #	91
25) Chloroform	5.17	83	130378	5.095 ug/L	95
27) 1,2-Dichloroethane	6.16	62	81835	5.035 ug/L	100
29) 1,1,1-Trichloroethane	5.46	97	123057	4.955 ug/L	98
30) Cyclohexane	5.55	56	99933	4.894 ug/L	98
31) Carbon tetrachloride	5.75	117	110749	4.993 ug/L	98
33) Benzene	6.11	78	258841	5.111 ug/L	100
34) Trichloroethene	7.18	95	73620	5.131 ug/L	95
35) Methylcyclohexane	7.43	83	104345	5.155 ug/L	98
37) 1,2-Dichloropropane	7.49	63	67090	5.143 ug/L	99
38) Bromodichloromethane	7.87	83	89185	4.919 ug/L	94
39) cis-1,3-Dichloropropene	8.42	75	95005	4.953 ug/L	90
40) 4-Methyl-2-pentanone	8.62	43	387521	53.520 ug/L	100
42) Toluene	8.76	91	284191	5.234 ug/L	95
44) trans-1,3-Dichloropropene	9.02	75	87739	5.072 ug/L	100
45) 1,1,2-Trichloroethane	9.20	97	47544	5.070 ug/L	95
47) Tetrachloroethene	9.32	164	60644	5.089 ug/L	86
48) 2-Hexanone	9.48	43	290292	54.847 ug/L	99
49) Dibromochloromethane	9.56	129	63430	5.113 ug/L	99
50) 1,2-Dibromoethane	9.65	107	45497	5.095 ug/L	98
51) Chlorobenzene	10.12	112	182590	5.092 ug/L	97
52) Ethylbenzene	10.23	91	308068	5.279 ug/L	92
53) m,p-xylene	10.34	106	116485	5.209 ug/L	97
54) o-xylene	10.68	106	111282	5.349 ug/L	94
55) Styrene	10.70	104	191153	5.388 ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.25	83	55814	5.239 ug/L	98
59) Bromoform	10.84	173	35603	4.642 ug/L	98
60) Isopropylbenzene	11.00	105	299200	5.121 ug/L	99
61) 1,2,3-Trichloropropane	11.28	75	41893	4.794 ug/L	97
62) 1,3,5-Trimethylbenzene	11.49	105	242652	5.117 ug/L	97
63) 1,2,4-Trimethylbenzene	11.79	105	248735	5.163 ug/L	99
64) 1,3-Dichlorobenzene	12.01	146	150200	5.037 ug/L	98
65) 1,4-Dichlorobenzene	12.08	146	148423	4.882 ug/L	97
67) 1,2-Dichlorobenzene	12.38	146	140397	5.040 ug/L	95
68) 1,2-Dibromo-3-chloropropan	12.98	75	10280	4.277 ug/L	86
69) 1,3,5-Trichlorobenzene	13.15	180	104444	4.766 ug/L	96
70) 1,2,4-trichlorobenzene	13.63	180	88023	4.838 ug/L	96
71) Naphthalene	13.82	128	148788	4.921 ug/L	99
72) 1,2,3-Trichlorobenzene	14.00	180	83034	5.047 ug/L	99

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

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