Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV011520\
Data File : VV014309.D
Acq On : 15 Jan 2020 11:55
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VICV356

Quant Time: Jan 16 03:04:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR011520WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 16 03:02:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	894588	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	827965	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	392310	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	277734	4.90	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.00%			
7) Chloroethane-d5	1.58	69	212670	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.60%			
11) 1,1-Dichloroethene-d2	2.13	63	426498	4.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.80%			
20) 2-Butanone-d5	3.96	46	692144	50.81	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.62%			
24) Chloroform-d	4.40	84	570278	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.60%			
26) 1,2-Dichloroethane-d4	5.08	65	270590	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.20%			
32) Benzene-d6	5.09	84	1178824	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
36) 1,2-Dichloropropane-d6	6.11	67	361609	4.82	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.40%			
41) Toluene-d8	7.35	98	1077174	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.60%			
43) trans-1,3-Dichloropropene-	7.66	79	148541	4.79	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.80%			
46) 2-Hexanone-d5	8.13	63	594597	50.05	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.10%			
56) 1,1,2,2-Tetrachloroethane-	10.25	84	242498	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.00%			
66) 1,2-Dichlorobenzene-d4	11.67	152	330270	4.70	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	421820	5.979	ug/L	98
3) Chloromethane	1.25	50	380459	5.578	ug/L	98
5) Vinyl chloride	1.32	62	385145	6.147	ug/L	99
6) Bromomethane	1.54	94	199011	5.690	ug/L	99
8) Chloroethane	1.60	64	176909	5.412	ug/L	95
9) Trichlorofluoromethane	1.77	101	390039	5.147	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	205665	5.023	ug/L	99
12) 1,1-Dichloroethene	2.14	96	206535	5.382	ug/L	98
13) Acetone	2.23	43	438266	48.394	ug/L	92
14) Carbon disulfide	2.32	76	995462	5.345	ug/L	100
15) Methyl Acetate	2.48	43	109294	5.430	ug/L	93
16) Methylene chloride	2.53	84	400033	5.120	ug/L	98
17) Methyl tert-butyl Ether	2.80	73	705001	5.255	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	317442	5.263	ug/L	97
19) 1,1-Dichloroethane	3.23	63	596628	5.296	ug/L	99
21) 2-Butanone	4.04	43	763225	53.515	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	342857	5.351	ug/L #	100

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Sample : VSTDICV005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VICV356

Quant Time: Jan 16 03:04:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR011520WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 16 03:02:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	128712	5.332 ug/L	93
25) Chloroform	4.42	83	601550	5.492 ug/L	99
27) 1,2-Dichloroethane	5.18	62	337260	5.408 ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	506596	5.261 ug/L	99
30) Cyclohexane	4.72	56	600115	5.119 ug/L	99
31) Carbon tetrachloride	4.87	117	427004	5.148 ug/L	100
33) Benzene	5.14	78	1302292	5.183 ug/L	100
34) Trichloroethene	5.95	95	335612	5.163 ug/L	98
35) Methylcyclohexane	6.17	83	595942	5.180 ug/L	99
37) 1,2-Dichloropropane	6.22	63	325721	5.293 ug/L	99
38) Bromodichloromethane	6.55	83	402341	5.166 ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	504524	5.218 ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	1969086	53.594 ug/L	100
42) Toluene	7.43	91	1376977	5.156 ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	398589	5.372 ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	203722	5.246 ug/L	97
47) Tetrachloroethene	8.01	164	239198	5.336 ug/L	99
48) 2-Hexanone	8.18	43	1378261	54.780 ug/L	98
49) Dibromochloromethane	8.29	129	249250	5.214 ug/L	98
50) 1,2-Dibromoethane	8.39	107	192965	5.332 ug/L	98
51) Chlorobenzene	8.92	112	848588	5.201 ug/L	99
52) Ethylbenzene	9.05	91	1569348	5.227 ug/L	100
53) m,p-xylene	9.18	106	582995	5.253 ug/L	97
54) o-xylene	9.58	106	566418	5.257 ug/L	100
55) Styrene	9.60	104	948717	5.322 ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.28	83	252281	5.285 ug/L	99
59) Bromoform	9.77	173	125917	5.230 ug/L	98
60) Isopropylbenzene	9.97	105	1508239	5.176 ug/L	99
61) 1,2,3-Trichloropropane	10.31	75	185765	5.269 ug/L	98
62) 1,3,5-Trimethylbenzene	10.58	105	1286254	5.230 ug/L	100
63) 1,2,4-Trimethylbenzene	10.95	105	1313799	5.370 ug/L	99
64) 1,3-Dichlorobenzene	11.22	146	641834	5.310 ug/L	99
65) 1,4-Dichlorobenzene	11.31	146	627039	5.115 ug/L	98
67) 1,2-Dichlorobenzene	11.68	146	562579	5.174 ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.47	75	44751	5.018 ug/L	97
69) 1,3,5-Trichlorobenzene	12.69	180	466791	5.270 ug/L	98
70) 1,2,4-trichlorobenzene	13.31	180	403696	5.403 ug/L	100
71) Naphthalene	13.55	128	782894	5.624 ug/L	99
72) 1,2,3-Trichlorobenzene	13.79	180	352646	5.475 ug/L	100

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

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