

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012320\
 Data File : VV014373.D
 Acq On : 23 Jan 2020 11:33
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00544

Quant Time: Jan 23 16:22:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jan 22 15:34:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	954070	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	872024	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	415946	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	279904	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.58	69	235849	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.13	63	429244	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.20%
20) 2-Butanone-d5	3.95	46	778254	48.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.06%
24) Chloroform-d	4.39	84	713397	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.60%
26) 1,2-Dichloroethane-d4	5.08	65	329154	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.09	84	1361936	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.11	67	447698	5.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.00%
41) Toluene-d8	7.35	98	1140612	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	7.66	79	172525	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.13	63	873250	57.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.58%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	328081	5.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	418344	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	401816	5.586	ug/L 97
3) Chloromethane	1.25	50	406338	5.683	ug/L 98
5) Vinyl chloride	1.32	62	345375	5.172	ug/L 99
6) Bromomethane	1.54	94	158875	4.194	ug/L 99
8) Chloroethane	1.60	64	175653	4.682	ug/L 99
9) Trichlorofluoromethane	1.77	101	425912	5.403	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	226638	5.308	ug/L 98
12) 1,1-Dichloroethene	2.14	96	219329	5.146	ug/L 96
13) Acetone	2.21	43	457605	41.438	ug/L 93
14) Carbon disulfide	2.32	76	1000009	5.287	ug/L 99
15) Methyl Acetate	2.47	43	118080	4.593	ug/L 91
16) Methylene chloride	2.53	84	344473	4.964	ug/L 95
17) Methyl tert-butyl Ether	2.80	73	745908	4.728	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	341598	5.331	ug/L 97
19) 1,1-Dichloroethane	3.23	63	633539	5.045	ug/L 98
21) 2-Butanone	4.03	43	804061	48.540	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	371331	5.287	ug/L # 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	135177	5.063	ug/L	95
25) Chloroform	4.42	83	606119	5.041	ug/L	99
27) 1,2-Dichloroethane	5.17	62	337429	4.691	ug/L	96
29) 1,1,1-Trichloroethane	4.65	97	531868	5.124	ug/L	99
30) Cyclohexane	4.72	56	647519	5.650	ug/L	97
31) Carbon tetrachloride	4.87	117	458368	5.156	ug/L	99
33) Benzene	5.14	78	1419022	5.284	ug/L	100
34) Trichloroethene	5.96	95	356797	5.170	ug/L	98
35) Methylcyclohexane	6.17	83	650469	5.765	ug/L	98
37) 1,2-Dichloropropane	6.22	63	345924	5.103	ug/L	99
38) Bromodichloromethane	6.55	83	423901	4.850	ug/L	97
39) cis-1,3-Dichloropropene	7.06	75	534147	4.867	ug/L	97
40) 4-Methyl-2-pentanone	7.27	43	2030246	47.513	ug/L	97
42) Toluene	7.42	91	1497699	5.283	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	407105	4.831	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	218715	5.051	ug/L	98
47) Tetrachloroethene	8.01	164	257427	5.460	ug/L	99
48) 2-Hexanone	8.18	43	1657601	56.084	ug/L	98
49) Dibromochloromethane	8.28	129	267798	4.892	ug/L	96
50) 1,2-Dibromoethane	8.39	107	208933	4.982	ug/L #	97
51) Chlorobenzene	8.92	112	918801	5.270	ug/L	100
52) Ethylbenzene	9.05	91	1700405	5.362	ug/L	99
53) m,p-xylene	9.18	106	631454	5.397	ug/L	99
54) o-xylene	9.58	106	605831	5.266	ug/L	95
55) Styrene	9.60	104	1015782	5.212	ug/L	98
56) Isopropylbenzene	9.97	105	1624771	5.414	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	268591	5.030	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	190386	4.714	ug/L	99
61) Bromoform	9.77	173	130477	4.628	ug/L	97
62) 1,3-Dichlorobenzene	11.22	146	693717	5.335	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	693623	5.364	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	623558	5.310	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.47	75	46572	4.315	ug/L	93
67) 1,3,5-Trichlorobenzene	12.68	180	508670	5.379	ug/L	98
68) 1,2,4-trichlorobenzene	13.30	180	434993	5.245	ug/L	99
69) Naphthalene	13.54	128	804738	4.776	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	376950	5.165	ug/L	98

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

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