

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012020\
 Data File : VV014348.D
 Acq On : 20 Jan 2020 09:40
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00540

Quant Time: Jan 20 14:18:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 17 22:51:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	982472	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	898159	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	426682	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	263724	3.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.80%
7) Chloroethane-d5	1.58	69	203850	3.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.80%
11) 1,1-Dichloroethene-d2	2.13	63	430892	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.00%
20) 2-Butanone-d5	3.94	46	537575	32.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	65.10%
24) Chloroform-d	4.40	84	560772	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.08	65	262206	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.80%
32) Benzene-d6	5.09	84	1162517	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.11	67	355614	4.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.60%
41) Toluene-d8	7.35	98	1048192	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	7.66	79	145466	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.13	63	605221	38.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.78%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	240960	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	332964	4.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	356421	4.812 ug/L	99
3) Chloromethane	1.25	50	359623	4.884 ug/L	98
5) Vinyl chloride	1.32	62	338708	4.926 ug/L	99
6) Bromomethane	1.54	94	187859	4.815 ug/L	98
8) Chloroethane	1.60	64	184574	4.777 ug/L	96
9) Trichlorofluoromethane	1.77	101	445276	5.486 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	244746	5.566 ug/L	97
12) 1,1-Dichloroethene	2.14	96	226529	5.161 ug/L	100
13) Acetone	2.21	43	368916	32.441 ug/L	99
14) Carbon disulfide	2.32	76	991634	5.091 ug/L	100
15) Methyl Acetate	2.47	43	124580	4.706 ug/L	96
16) Methylene chloride	2.53	84	418595	5.858 ug/L	94
17) Methyl tert-butyl Ether	2.80	73	790641	4.867 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	353407	5.356 ug/L	95
19) 1,1-Dichloroethane	3.23	63	673534	5.208 ug/L	97
21) 2-Butanone	4.03	43	708237	41.519 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	390169	5.394 ug/L #	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	148420	5.398	ug/L	94
25) Chloroform	4.42	83	668939	5.403	ug/L	98
27) 1,2-Dichloroethane	5.17	62	362598	4.895	ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	583381	5.456	ug/L	99
30) Cyclohexane	4.72	56	664710	5.631	ug/L	98
31) Carbon tetrachloride	4.87	117	495747	5.414	ug/L	99
33) Benzene	5.14	78	1504159	5.438	ug/L	100
34) Trichloroethene	5.96	95	387451	5.451	ug/L	99
35) Methylcyclohexane	6.17	83	681777	5.866	ug/L	98
37) 1,2-Dichloropropane	6.22	63	369141	5.287	ug/L	99
38) Bromodichloromethane	6.55	83	471254	5.234	ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	579403	5.126	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	2162482	49.135	ug/L	98
42) Toluene	7.43	91	1603179	5.491	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	446655	5.146	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	238985	5.358	ug/L	99
47) Tetrachloroethene	8.01	164	277199	5.708	ug/L	94
48) 2-Hexanone	8.18	43	1543485	50.703	ug/L	99
49) Dibromochloromethane	8.28	129	294867	5.229	ug/L	99
50) 1,2-Dibromoethane	8.39	107	222289	5.147	ug/L	94
51) Chlorobenzene	8.92	112	996196	5.548	ug/L	99
52) Ethylbenzene	9.05	91	1828233	5.597	ug/L	99
53) m,p-xylene	9.18	106	679770	5.641	ug/L	99
54) o-xylene	9.58	106	662100	5.587	ug/L	99
55) Styrene	9.60	104	1108628	5.523	ug/L	98
56) Isopropylbenzene	9.97	105	1776573	5.748	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	285689	5.194	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	211949	5.095	ug/L	99
61) Bromoform	9.77	173	146062	5.050	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	759306	5.692	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	743380	5.604	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	667065	5.537	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	48615	4.391	ug/L	95
67) 1,3,5-Trichlorobenzene	12.68	180	560061	5.774	ug/L	97
68) 1,2,4-trichlorobenzene	13.30	180	475088	5.584	ug/L	99
69) Naphthalene	13.54	128	873295	5.052	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	412687	5.512	ug/L	97

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

