

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030220\
 Data File : VV014724.D
 Acq On : 02 Mar 2020 10:02
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00557

Quant Time: Mar 03 00:47:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 02 17:46:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	332348	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	315102	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	164219	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	118671	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.58	69	95819	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.13	63	208141	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.00%
20) 2-Butanone-d5	3.97	46	259247	48.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.40%
24) Chloroform-d	4.39	84	228655	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.08	65	113146	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.09	84	454003	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.11	67	138737	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.35	98	420887	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	7.66	79	55692	5.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.80%
46) 2-Hexanone-d5	8.13	63	217926	48.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.46%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	101973	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	150781	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	184772	5.062	ug/L 99
3) Chloromethane	1.25	50	162716	4.841	ug/L 99
5) Vinyl chloride	1.32	62	154606	5.003	ug/L 99
6) Bromomethane	1.53	94	89515	5.141	ug/L 96
8) Chloroethane	1.60	64	86949	5.023	ug/L 98
9) Trichlorofluoromethane	1.77	101	213375	5.069	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	112233	5.095	ug/L 98
12) 1,1-Dichloroethene	2.14	96	108488	5.180	ug/L 97
13) Acetone	2.24	43	159529	44.077	ug/L 97
14) Carbon disulfide	2.31	76	329619	4.616	ug/L 99
15) Methyl Acetate	2.48	43	41689	4.539	ug/L 98
16) Methylene chloride	2.53	84	128510	4.906	ug/L 97
17) Methyl tert-butyl Ether	2.81	73	293564	5.153	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	128232	5.065	ug/L 97
19) 1,1-Dichloroethane	3.22	63	253480	5.118	ug/L 98
21) 2-Butanone	4.05	43	316972	51.458	ug/L 97
22) cis-1,2-Dichloroethene	3.96	96	141842	5.241	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	55828	5.140	ug/L	89
25) Chloroform	4.42	83	251262	5.169	ug/L	99
27) 1,2-Dichloroethane	5.18	62	149593	5.026	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	218585	5.262	ug/L	98
30) Cyclohexane	4.72	56	242048	5.176	ug/L	100
31) Carbon tetrachloride	4.87	117	191115	5.341	ug/L	98
33) Benzene	5.14	78	545170	5.269	ug/L	100
34) Trichloroethene	5.95	95	141786	5.232	ug/L	98
35) Methylcyclohexane	6.17	83	244589	5.306	ug/L	99
37) 1,2-Dichloropropane	6.21	63	137437	5.200	ug/L	100
38) Bromodichloromethane	6.55	83	171767	5.328	ug/L	100
39) cis-1,3-Dichloropropene	7.06	75	208338	5.441	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	828625	52.357	ug/L	98
42) Toluene	7.42	91	588854	5.374	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	164466	5.536	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	87874	5.207	ug/L	98
47) Tetrachloroethene	8.01	164	113208	5.224	ug/L	97
48) 2-Hexanone	8.18	43	601998	53.386	ug/L	99
49) Dibromochloromethane	8.28	129	107161	5.617	ug/L	100
50) 1,2-Dibromoethane	8.39	107	82973	5.151	ug/L	95
51) Chlorobenzene	8.92	112	367735	5.301	ug/L	99
52) Ethylbenzene	9.05	91	661902	5.328	ug/L	100
53) m,p-xylene	9.17	106	246746	5.425	ug/L	97
54) o-xylene	9.58	106	235067	5.309	ug/L	99
55) Styrene	9.60	104	406277	5.462	ug/L	99
56) Isopropylbenzene	9.97	105	653496	5.464	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	111615	5.290	ug/L	96
59) 1,2,3-Trichloropropane	10.31	75	78408	5.079	ug/L	99
61) Bromoform	9.77	173	58978	6.103	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	304786	5.429	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	299276	5.218	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	268789	5.182	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.47	75	17468	5.089	ug/L	97
67) 1,3,5-Trichlorobenzene	12.68	180	244723	5.372	ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	208054	5.318	ug/L	99
69) Naphthalene	13.54	128	332384	5.219	ug/L	100
70) 1,2,3-Trichlorobenzene	13.78	180	185877	5.324	ug/L	99

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

