

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011420\
 Data File : VV014302.D
 Acq On : 14 Jan 2020 18:14
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00557

Quant Time: Jan 14 22:23:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 14 22:19:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	880677	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	804005	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	371295	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	246381	4.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	1.59	69	197286	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.80%
11) 1,1-Dichloroethene-d2	2.13	63	394710	4.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.80%
20) 2-Butanone-d5	3.96	46	715979	48.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.74%
24) Chloroform-d	4.40	84	553231	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.08	65	268050	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	5.10	84	1126747	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.12	67	357148	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.36	98	1017529	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.66	79	148617	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.13	63	636755	45.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.40%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	251003	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	327940	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	292875	4.411 ug/L	97
3) Chloromethane	1.26	50	310470	4.704 ug/L	96
5) Vinyl chloride	1.32	62	286031	4.641 ug/L	100
6) Bromomethane	1.54	94	161941	4.631 ug/L	98
8) Chloroethane	1.60	64	161128	4.653 ug/L	99
9) Trichlorofluoromethane	1.77	101	369619	5.080 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	200212	5.080 ug/L	95
12) 1,1-Dichloroethene	2.14	96	187853	4.774 ug/L	92
13) Acetone	2.23	43	414833	40.695 ug/L	93
14) Carbon disulfide	2.32	76	825820	4.730 ug/L	99
15) Methyl Acetate	2.48	43	105377	4.441 ug/L	96
16) Methylene chloride	2.54	84	297822	4.650 ug/L	92
17) Methyl tert-butyl Ether	2.81	73	707301	4.857 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	289446	4.894 ug/L	93
19) 1,1-Dichloroethane	3.23	63	571107	4.927 ug/L	97
21) 2-Butanone	4.05	43	749851	49.040 ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	322460	4.974 ug/L #	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	116059	4.709	ug/L	88
25) Chloroform	4.43	83	551437	4.969	ug/L	99
27) 1,2-Dichloroethane	5.18	62	322884	4.863	ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	476480	4.978	ug/L	98
30) Cyclohexane	4.72	56	552451	5.228	ug/L	97
31) Carbon tetrachloride	4.87	117	401987	4.905	ug/L	99
33) Benzene	5.14	78	1233693	4.982	ug/L	100
34) Trichloroethene	5.96	95	319189	5.016	ug/L	98
35) Methylcyclohexane	6.17	83	546661	5.254	ug/L	97
37) 1,2-Dichloropropane	6.22	63	312109	4.994	ug/L	99
38) Bromodichloromethane	6.55	83	389589	4.834	ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	486419	4.807	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	1931628	49.029	ug/L	99
42) Toluene	7.43	91	1308980	5.008	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	377437	4.857	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	200859	5.031	ug/L	97
47) Tetrachloroethene	8.02	164	216967	4.991	ug/L	97
48) 2-Hexanone	8.18	43	1348918	49.501	ug/L	98
49) Dibromochloromethane	8.29	129	241270	4.780	ug/L	98
50) 1,2-Dibromoethane	8.39	107	188230	4.869	ug/L	95
51) Chlorobenzene	8.92	112	802646	4.993	ug/L	98
52) Ethylbenzene	9.05	91	1494354	5.111	ug/L	100
53) m,p-xylene	9.18	106	548541	5.085	ug/L	98
54) o-xylene	9.58	106	534109	5.035	ug/L	96
55) Styrene	9.60	104	891113	4.959	ug/L	96
56) Isopropylbenzene	9.97	105	1440781	5.207	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	244563	4.967	ug/L	97
59) 1,2,3-Trichloropropane	10.31	75	181072	4.862	ug/L	100
61) Bromoform	9.77	173	118521	4.709	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	593650	5.114	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	584502	5.064	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	535379	5.107	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	43239	4.488	ug/L	89
67) 1,3,5-Trichlorobenzene	12.69	180	425304	5.038	ug/L	97
68) 1,2,4-trichlorobenzene	13.30	180	363647	4.912	ug/L	99
69) Naphthalene	13.55	128	700123	4.654	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	318643	4.891	ug/L	97

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

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