

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060819\
 Data File : VV011323.D
 Acq On : 08 Jun 2019 16:29
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00535

Quant Time: Jun 09 00:07:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 08 05:28:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	141223	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	136840	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	61344	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47915	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.55	69	40683	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.12	63	103308	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.60%
20) 2-Butanone-d5	3.94	46	119898	49.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.54%
24) Chloroform-d	4.40	84	92257	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.08	65	51544	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.09	84	184002	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.11	67	55534	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.00%
41) Toluene-d8	7.36	98	177358	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	7.66	79	19669	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.13	63	99667	49.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.16%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	41842	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	59516	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	71539	5.136	ug/L 97
3) Chloromethane	1.25	50	66753	4.957	ug/L 100
5) Vinyl chloride	1.32	62	68498	5.272	ug/L 95
6) Bromomethane	1.51	94	31102	4.601	ug/L 95
8) Chloroethane	1.57	64	41180	4.960	ug/L 95
9) Trichlorofluoromethane	1.75	101	95767	5.369	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	50614	5.529	ug/L 98
12) 1,1-Dichloroethene	2.13	96	45830	5.151	ug/L 98
13) Acetone	2.19	43	91060	56.374	ug/L 96
14) Carbon disulfide	2.30	76	126170	4.675	ug/L 100
15) Methyl Acetate	2.46	43	23808	5.550	ug/L 94
16) Methylene chloride	2.52	84	49206	5.367	ug/L 99
17) Methyl tert-butyl Ether	2.81	73	119139	5.016	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	48221	4.840	ug/L 94
19) 1,1-Dichloroethane	3.22	63	97575	4.965	ug/L 98
21) 2-Butanone	4.03	43	136396	54.831	ug/L 96
22) cis-1,2-Dichloroethene	3.95	96	53324	4.833	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	20388	4.821	ug/L	97
25) Chloroform	4.42	83	99126	4.884	ug/L	97
27) 1,2-Dichloroethane	5.18	62	63926	5.155	ug/L	100
29) 1,1,1-Trichloroethane	4.65	97	81321	4.659	ug/L	98
30) Cyclohexane	4.71	56	90066	4.654	ug/L	98
31) Carbon tetrachloride	4.87	117	66689	4.572	ug/L	99
33) Benzene	5.14	78	210230	4.828	ug/L	100
34) Trichloroethene	5.96	95	54527	4.847	ug/L	96
35) Methylcyclohexane	6.17	83	89042	4.786	ug/L	98
37) 1,2-Dichloropropane	6.22	63	51686	4.769	ug/L	99
38) Bromodichloromethane	6.55	83	60556	4.520	ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	69807	4.403	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	349312	50.615	ug/L	99
42) Toluene	7.43	91	233614	5.034	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	52180	4.329	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	34938	5.036	ug/L	98
47) Tetrachloroethene	8.02	164	41623	5.120	ug/L	92
48) 2-Hexanone	8.18	43	253433	52.654	ug/L	97
49) Dibromochloromethane	8.29	129	36371	4.616	ug/L	97
50) 1,2-Dibromoethane	8.40	107	31093	4.715	ug/L	94
51) Chlorobenzene	8.92	112	142978	5.052	ug/L	99
52) Ethylbenzene	9.05	91	261262	5.069	ug/L	99
53) m,p-xylene	9.18	106	96081	5.041	ug/L	98
54) o-xylene	9.59	106	95595	5.111	ug/L	98
55) Styrene	9.60	104	156192	5.127	ug/L	95
56) Isopropylbenzene	9.97	105	255661	5.078	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	42474	5.050	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	31562	4.993	ug/L	98
61) Bromoform	9.77	173	15974	4.335	ug/L	93
62) 1,3-Dichlorobenzene	11.23	146	102855	5.070	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	102116	5.186	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	99415	5.302	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	5707	4.248	ug/L	85
67) 1,3,5-Trichlorobenzene	12.69	180	74701	5.119	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	54069	4.880	ug/L	97
69) Naphthalene	13.55	128	88417	4.875	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	50818	5.115	ug/L	97

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

