

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV083019\
 Data File : VV012457.D
 Acq On : 30 Aug 2019 15:10
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00556

Quant Time: Aug 31 00:12:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 31 00:07:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	244673	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	244409	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	119911	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	89936	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.58	69	69051	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.13	63	160595	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.80%
20) 2-Butanone-d5	3.96	46	205221	46.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.34%
24) Chloroform-d	4.40	84	168059	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.08	65	81298	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	5.10	84	325708	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.12	67	100596	4.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.80%
41) Toluene-d8	7.36	98	304686	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	7.66	79	36904	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.14	63	149699	46.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.04%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	72393	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	102593	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	162466	4.944 ug/L	98
3) Chloromethane	1.25	50	152141	4.704 ug/L	99
5) Vinyl chloride	1.32	62	143975	4.713 ug/L	100
6) Bromomethane	1.54	94	78895	4.755 ug/L	98
8) Chloroethane	1.60	64	77412	4.723 ug/L	100
9) Trichlorofluoromethane	1.77	101	193428	4.888 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	99414	5.055 ug/L	99
12) 1,1-Dichloroethene	2.14	96	89312	4.816 ug/L	99
13) Acetone	2.22	43	160148	49.312 ug/L	99
14) Carbon disulfide	2.32	76	276180	4.873 ug/L	100
15) Methyl Acetate	2.47	43	37750	4.721 ug/L	98
16) Methylene chloride	2.53	84	95165	4.489 ug/L	97
17) Methyl tert-butyl Ether	2.81	73	249406	4.894 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	115063	4.845 ug/L	98
19) 1,1-Dichloroethane	3.23	63	227103	4.885 ug/L	99
21) 2-Butanone	4.04	43	304157	50.945 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	119655	4.813 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	52623	4.874	ug/L	96
25) Chloroform	4.42	83	226989	4.661	ug/L	100
27) 1,2-Dichloroethane	5.18	62	135903	4.976	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	188528	4.762	ug/L	97
30) Cyclohexane	4.72	56	198233	4.967	ug/L	97
31) Carbon tetrachloride	4.87	117	167553	4.811	ug/L	98
33) Benzene	5.14	78	499713	4.939	ug/L	100
34) Trichloroethene	5.96	95	123542	4.793	ug/L	99
35) Methylcyclohexane	6.17	83	198063	5.050	ug/L	100
37) 1,2-Dichloropropane	6.22	63	129156	4.895	ug/L	100
38) Bromodichloromethane	6.55	83	155202	4.730	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	166273	4.870	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	758141	50.696	ug/L	98
42) Toluene	7.43	91	525469	5.074	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	128861	4.859	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	81683	4.667	ug/L	98
47) Tetrachloroethene	8.02	164	102564	4.970	ug/L	98
48) 2-Hexanone	8.19	43	545637	53.571	ug/L	97
49) Dibromochloromethane	8.29	129	98360	4.880	ug/L	99
50) 1,2-Dibromoethane	8.40	107	73609	4.761	ug/L	96
51) Chlorobenzene	8.92	112	313304	4.774	ug/L	99
52) Ethylbenzene	9.05	91	548707	5.013	ug/L	99
53) m,p-xylene	9.18	106	208988	5.209	ug/L	97
54) o-xylene	9.59	106	200952	5.130	ug/L	96
55) Styrene	9.60	104	347842	5.290	ug/L	99
56) Isopropylbenzene	9.97	105	532767	5.165	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	96796	4.701	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	70626	4.819	ug/L	99
61) Bromoform	9.77	173	51295	4.600	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	249225	4.967	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	245243	4.878	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	230091	4.863	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.47	75	14272	4.481	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	184022	4.915	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	134620	4.904	ug/L	98
69) Naphthalene	13.55	128	186101	4.685	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	132027	5.007	ug/L	97

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

