

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041319\
 Data File : VV010321.D
 Acq On : 13 Apr 2019 13:02
 Operator : SY/MD
 Sample : VSTD01035
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01035

Quant Time: Apr 13 13:25:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR041319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 13 12:55:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	147005	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	139859	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74659	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78467	4.42	ug/L	0.00
7) Chloroethane-d5	1.58	69	115356	7.47	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	224167	5.32	ug/L	0.00
20) 2-Butanone-d5	3.96	46	212903	103.55	ug/L	0.00
24) Chloroform-d	4.40	84	192607	10.28	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	92693	10.76	ug/L	0.00
32) Benzene-d6	5.10	84	355128	9.77	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	109803	10.14	ug/L	0.00
41) Toluene-d8	7.36	98	352817	9.93	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	39341	9.74	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	177475	103.23	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	85038	10.16	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	143474	10.58	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	151647	11.435 ug/L	95
3) Chloromethane	1.25	50	130192	6.718 ug/L	99
5) Vinyl chloride	1.32	62	141529	6.634 ug/L	98
6) Bromomethane	1.54	94	112239	8.608 ug/L	98
8) Chloroethane	1.60	64	121347	8.197 ug/L	98
9) Trichlorofluoromethane	1.77	101	284023	6.367 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	148296	6.718 ug/L	94
12) 1,1-Dichloroethene	2.14	96	127988	6.529 ug/L	92
13) Acetone	2.21	43	186915	70.183 ug/L #	56
14) Carbon disulfide	2.32	76	340963	6.290 ug/L	99
15) Methyl Acetate	2.47	43	44750	7.073 ug/L	95
16) Methylene chloride	2.54	84	129138	5.826 ug/L	93
17) Methyl tert-butyl Ether	2.81	73	307975	6.801 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	135723	6.443 ug/L	92
19) 1,1-Dichloroethane	3.23	63	247413	6.765 ug/L	98
21) 2-Butanone	4.05	43	222274	106.223 ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	118997	11.678 ug/L	95
23) Bromochloromethane	4.30	128	53249	12.889 ug/L	93
25) Chloroform	4.43	83	215863	12.117 ug/L	98
27) 1,2-Dichloroethane	5.18	62	122217	11.272 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	194295	12.873 ug/L	98
30) Cyclohexane	4.72	56	159796	10.214 ug/L	94
31) Carbon tetrachloride	4.87	117	179294	13.795 ug/L	98
33) Benzene	5.15	78	436177	11.104 ug/L	100
34) Trichloroethene	5.96	95	121931	12.271 ug/L	91
35) Methylcyclohexane	6.17	83	194710	11.450 ug/L	98
37) 1,2-Dichloropropane	6.22	63	105090	10.704 ug/L	98
38) Bromodichloromethane	6.56	83	139792	12.041 ug/L #	94
39) cis-1,3-Dichloropropene	7.07	75	148851	11.207 ug/L	93
40) 4-Methyl-2-pentanone	7.28	43	574052	100.055 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.43	91	502601	11.307	ug/L	97
44) trans-1,3-Dichloropropene	7.69	75	119139	11.219	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	79083	11.832	ug/L	92
47) Tetrachloroethene	8.02	164	110462	12.873	ug/L	94
48) 2-Hexanone	8.19	43	405010	100.338	ug/L	98
49) Dibromochloromethane	8.29	129	100189	12.968	ug/L	96
50) 1,2-Dibromoethane	8.40	107	74334	11.910	ug/L #	93
51) Chlorobenzene	8.93	112	334267	11.747	ug/L	96
52) Ethylbenzene	9.06	91	558234	11.400	ug/L	98
53) m,p-xylene	9.18	106	220900	11.870	ug/L	95
54) o-xylene	9.59	106	217683	11.975	ug/L	92
55) Styrene	9.60	104	358635	12.134	ug/L	96
56) Isopropylbenzene	9.97	105	588042	12.251	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	86347	10.428	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	60250	10.563	ug/L	99
61) Bromoform	9.77	173	50224	12.720	ug/L #	98
62) 1,3-Dichlorobenzene	11.23	146	275504	11.597	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	282938	11.771	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	259981	11.628	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	12327	10.310	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	219248	12.190	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	170086	12.615	ug/L	97
69) Naphthalene	13.55	128	218448	10.319	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	153911	12.298	ug/L	99

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

