

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072219\
 Data File : VV011952.D
 Acq On : 22 Jul 2019 16:52
 Operator : SY/MD
 Sample : VSTD02035
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02035

Quant Time: Jul 23 06:56:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 23 06:51:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	149995	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	139858	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	75479	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	146752	13.98	ug/L	0.00
7) Chloroethane-d5	1.58	69	115183	13.41	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	306454	17.30	ug/L	0.00
20) 2-Butanone-d5	3.96	46	468545	173.07	ug/L	0.00
24) Chloroform-d	4.40	84	391111	17.86	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	203918	18.15	ug/L	0.00
32) Benzene-d6	5.10	84	787046	19.42	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	222552	18.13	ug/L	0.00
41) Toluene-d8	7.36	98	739100	19.95	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	95868	20.78	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	394917	213.69	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	155747	19.90	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	283937	18.71	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	295829	19.079 ug/L	99
3) Chloromethane	1.25	50	170489	12.399 ug/L	97
5) Vinyl chloride	1.32	62	178770	13.398 ug/L	97
6) Bromomethane	1.54	94	109151	13.920 ug/L	97
8) Chloroethane	1.60	64	101327	13.369 ug/L	99
9) Trichlorofluoromethane	1.77	101	328994	18.382 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	145114	17.149 ug/L	99
12) 1,1-Dichloroethene	2.14	96	133221	17.114 ug/L	90
13) Acetone	2.22	43	215035	154.600 ug/L	100
14) Carbon disulfide	2.32	76	381638	17.177 ug/L	100
15) Methyl Acetate	2.47	43	45373	15.840 ug/L	93
16) Methylene chloride	2.53	84	129266	15.715 ug/L	97
17) Methyl tert-butyl Ether	2.81	73	468748	19.444 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	206965	18.555 ug/L	98
19) 1,1-Dichloroethane	3.23	63	373807	17.887 ug/L	98
21) 2-Butanone	4.04	43	476805	176.915 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	224505	19.293 ug/L	97
23) Bromochloromethane	4.30	128	94328	19.793 ug/L	99
25) Chloroform	4.43	83	419859	18.325 ug/L	97
27) 1,2-Dichloroethane	5.18	62	249771	18.735 ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	366896	21.082 ug/L	100
30) Cyclohexane	4.72	56	346856	19.364 ug/L	99
31) Carbon tetrachloride	4.87	117	338328	22.061 ug/L	100
33) Benzene	5.15	78	833952	19.238 ug/L	100
34) Trichloroethene	5.96	95	231814	19.207 ug/L	99
35) Methylcyclohexane	6.18	83	378423	20.641 ug/L	97
37) 1,2-Dichloropropane	6.22	63	196794	18.958 ug/L	98
38) Bromodichloromethane	6.56	83	272362	20.676 ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	320783	21.942 ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	1153008	185.554 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	911228	19.984	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	252996	21.725	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	137690	19.141	ug/L	99
47) Tetrachloroethene	8.02	164	197719	21.619	ug/L	98
48) 2-Hexanone	8.19	43	814557	183.594	ug/L	99
49) Dibromochloromethane	8.29	129	181035	22.677	ug/L	98
50) 1,2-Dibromoethane	8.40	107	132643	20.022	ug/L	99
51) Chlorobenzene	8.92	112	585190	20.140	ug/L	99
52) Ethylbenzene	9.05	91	1055854	20.870	ug/L	100
53) m,p-xylene	9.18	106	400570	21.163	ug/L	99
54) o-xylene	9.59	106	385907	21.937	ug/L	99
55) Styrene	9.60	104	657659	21.959	ug/L	99
56) Isopropylbenzene	9.97	105	1065156	21.867	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	149727	21.481	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	114739	18.197	ug/L	100
61) Bromoform	9.77	173	98169	22.398	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	490408	19.887	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	496768	19.639	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	451344	19.650	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	26719	20.549	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	410459	21.086	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	351067	22.755	ug/L	100
69) Naphthalene	13.55	128	555277	23.472	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	310514	22.225	ug/L	99

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

