

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042419\
 Data File : VV010456.D
 Acq On : 24 Apr 2019 12:17
 Operator : SY/MD
 Sample : VSTD02037
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02037

Quant Time: Apr 25 01:38:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 25 01:34:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	250102	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	243417	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	137938	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	289627	21.32	ug/L	0.00
7) Chloroethane-d5	1.57	69	220612	15.61	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	569841	16.10	ug/L	0.00
20) 2-Butanone-d5	3.95	46	674142	202.84	ug/L	-0.03
24) Chloroform-d	4.40	84	635643	20.91	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	306151	19.88	ug/L	0.00
32) Benzene-d6	5.10	84	1231011	21.82	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	355182	20.00	ug/L	0.00
41) Toluene-d8	7.36	98	1236142	22.74	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	150373	25.74	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	597267	234.21	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	282514	21.06	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	524010	21.07	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	402557	17.124	ug/L 99
3) Chloromethane	1.25	50	314221	15.968	ug/L 99
5) Vinyl chloride	1.32	62	351427	16.387	ug/L 96
6) Bromomethane	1.52	94	191943	12.563	ug/L 98
8) Chloroethane	1.59	64	198710	13.895	ug/L 100
9) Trichlorofluoromethane	1.77	101	650865	15.307	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	339958	15.106	ug/L 98
12) 1,1-Dichloroethene	2.14	96	303569	16.030	ug/L 97
13) Acetone	2.19	43	358625	138.368	ug/L 96
14) Carbon disulfide	2.32	76	833168	16.497	ug/L 100
15) Methyl Acetate	2.46	43	89905	14.814	ug/L 98
16) Methylene chloride	2.53	84	299613	14.221	ug/L 99
17) Methyl tert-butyl Ether	2.81	73	703477	15.503	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	327836	15.654	ug/L 97
19) 1,1-Dichloroethane	3.23	63	530321	14.777	ug/L 99
21) 2-Butanone	4.04	43	712339	209.996	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	359728	19.961	ug/L 96
23) Bromochloromethane	4.30	128	155227	19.228	ug/L 96
25) Chloroform	4.42	83	637748	18.906	ug/L 97
27) 1,2-Dichloroethane	5.18	62	380709	20.300	ug/L 97
29) 1,1,1-Trichloroethane	4.65	97	593506	20.704	ug/L 100
30) Cyclohexane	4.72	56	523377	21.708	ug/L 98
31) Carbon tetrachloride	4.87	117	568901	21.147	ug/L 98
33) Benzene	5.14	78	1327589	20.088	ug/L 100
34) Trichloroethene	5.96	95	380091	19.755	ug/L 96
35) Methylcyclohexane	6.17	83	609813	21.389	ug/L 99
37) 1,2-Dichloropropane	6.22	63	317655	20.783	ug/L 100
38) Bromodichloromethane	6.56	83	443083	21.630	ug/L 99
39) cis-1,3-Dichloropropene	7.07	75	515512	24.008	ug/L 98
40) 4-Methyl-2-pentanone	7.28	43	1815173	216.620	ug/L 99

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42) Toluene	7.43	91	1544196	20.963	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	403036	24.223	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	235177	19.449	ug/L	94
47) Tetrachloroethene	8.02	164	344164	20.500	ug/L	96
48) 2-Hexanone	8.19	43	1313062	232.973	ug/L	97
49) Dibromochloromethane	8.29	129	319137	21.960	ug/L	95
50) 1,2-Dibromoethane	8.40	107	227824	20.720	ug/L #	99
51) Chlorobenzene	8.93	112	1021973	20.470	ug/L	96
52) Ethylbenzene	9.05	91	1780352	22.328	ug/L	99
53) m,p-xylene	9.18	106	745492	23.966	ug/L	94
54) o-xylene	9.59	106	724315	24.092	ug/L	95
55) Styrene	9.60	104	1220106	25.152	ug/L	96
56) Isopropylbenzene	9.97	105	1940424	24.248	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	279633	21.248	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	195087	20.731	ug/L	97
61) Bromoform	9.77	173	186731	21.771	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	919728	20.597	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	938864	20.869	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	873891	20.836	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	44805	22.505	ug/L	90
67) 1,3,5-Trichlorobenzene	12.69	180	792733	22.883	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	644138	25.979	ug/L	99
69) Naphthalene	13.55	128	984631	32.730	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	597346	26.496	ug/L	99

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

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