

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050119\
 Data File : VV010602.D
 Acq On : 01 May 2019 12:54
 Operator : SY/MD
 Sample : VSTD00538
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00538

Quant Time: May 02 07:59:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 02 07:54:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	84013	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	80234	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	36956	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23353	5.04	ug/L	0.00
7) Chloroethane-d5	1.58	69	17409	5.43	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	47425	5.26	ug/L	0.00
20) 2-Butanone-d5	3.96	46	59482	55.97	ug/L	0.00
24) Chloroform-d	4.40	84	54656	5.49	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	25717	5.15	ug/L	0.00
32) Benzene-d6	5.10	84	105520	5.73	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	31990	5.73	ug/L	0.00
41) Toluene-d8	7.36	98	103040	5.71	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	11499	5.47	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	47428	56.46	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	22991	5.61	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	35426	5.43	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	38209	5.165	ug/L 100
3) Chloromethane	1.25	50	32183	4.763	ug/L 100
5) Vinyl chloride	1.32	62	32566	4.812	ug/L 100
6) Bromomethane	1.54	94	19882	6.737	ug/L 100
8) Chloroethane	1.60	64	14976	4.681	ug/L 100
9) Trichlorofluoromethane	1.77	101	53489	4.912	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	28089	5.049	ug/L 100
12) 1,1-Dichloroethene	2.14	96	24943	5.144	ug/L 100
13) Acetone	2.22	43	32808	50.430	ug/L 100
14) Carbon disulfide	2.31	76	68567	5.000	ug/L 100
15) Methyl Acetate	2.47	43	10367	4.734	ug/L 100
16) Methylene chloride	2.53	84	29645	4.760	ug/L 100
17) Methyl tert-butyl Ether	2.81	73	58358	5.249	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	28620	5.293	ug/L 100
19) 1,1-Dichloroethane	3.23	63	54214	5.383	ug/L 100
21) 2-Butanone	4.04	43	61785	53.193	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	30903	5.164	ug/L 100
23) Bromochloromethane	4.30	128	12953	5.373	ug/L 100
25) Chloroform	4.43	83	55966	5.196	ug/L 100
27) 1,2-Dichloroethane	5.18	62	31167	5.140	ug/L 100
29) 1,1,1-Trichloroethane	4.66	97	48811	5.503	ug/L 100
30) Cyclohexane	4.72	56	44925	5.484	ug/L 100
31) Carbon tetrachloride	4.87	117	43330	5.342	ug/L 100
33) Benzene	5.15	78	117195	5.596	ug/L 100
34) Trichloroethene	5.96	95	32049	5.273	ug/L 100
35) Methylcyclohexane	6.18	83	45794	5.398	ug/L 100
37) 1,2-Dichloropropane	6.22	63	28972	5.527	ug/L 100
38) Bromodichloromethane	6.56	83	36574	5.419	ug/L 100
39) cis-1,3-Dichloropropene	7.07	75	37522	5.234	ug/L 100
40) 4-Methyl-2-pentanone	7.28	43	161462	57.520	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	133629	5.689	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	29724	5.443	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	19235	5.493	ug/L	100
47) Tetrachloroethene	8.02	164	25439	5.464	ug/L	100
48) 2-Hexanone	8.19	43	117952	58.257	ug/L	100
49) Dibromochloromethane	8.29	129	23687	5.493	ug/L	100
50) 1,2-Dibromoethane	8.40	107	18471	5.507	ug/L	100
51) Chlorobenzene	8.93	112	83952	5.449	ug/L	100
52) Ethylbenzene	9.05	91	139433	5.496	ug/L	100
53) m,p-xylene	9.18	106	53835	5.572	ug/L	100
54) o-xylene	9.59	106	52478	5.513	ug/L	100
55) Styrene	9.60	104	89204	5.733	ug/L	100
56) Isopropylbenzene	9.97	105	136504	5.585	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	22796	5.260	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	16895	5.404	ug/L	100
61) Bromoform	9.77	173	11277	5.408	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	61669	5.453	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	62659	5.490	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	58342	5.461	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	3533	5.373	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	45190	5.437	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	33382	5.256	ug/L	100
69) Naphthalene	13.55	128	53101	5.209	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	31738	5.448	ug/L	100

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

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