

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050119\
 Data File : VV010577.D
 Acq On : 30 Apr 2019 16:25
 Operator : SY/MD
 Sample : VSTD00537
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00537

Quant Time: May 01 07:35:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 01 07:31:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	195141	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	198118	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94850	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57006	5.89	ug/L	0.00
7) Chloroethane-d5	1.57	69	39784	7.04	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	110305	6.02	ug/L	0.00
20) 2-Butanone-d5	3.94	46	139531	57.45	ug/L	0.00
24) Chloroform-d	4.40	84	122077	4.95	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	59285	5.20	ug/L	0.00
32) Benzene-d6	5.10	84	237289	4.98	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	69238	5.05	ug/L	0.00
41) Toluene-d8	7.36	98	242574	5.30	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	26927	5.10	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	115313	52.80	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	54909	5.09	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	84111	4.75	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	89906	5.671	ug/L 100
3) Chloromethane	1.25	50	90657	7.583	ug/L 100
5) Vinyl chloride	1.32	62	84612	7.088	ug/L 100
6) Bromomethane	1.51	94	34019	6.898	ug/L 100
8) Chloroethane	1.59	64	45080	8.476	ug/L 100
9) Trichlorofluoromethane	1.76	101	132905	6.042	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	67867	6.183	ug/L 100
12) 1,1-Dichloroethene	2.14	96	60525	6.176	ug/L 100
13) Acetone	2.19	43	80809	63.752	ug/L 100
14) Carbon disulfide	2.31	76	167563	6.609	ug/L 100
15) Methyl Acetate	2.46	43	24608	5.829	ug/L 100
16) Methylene chloride	2.53	84	69769	4.947	ug/L 100
17) Methyl tert-butyl Ether	2.81	73	136193	5.086	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	66302	5.032	ug/L 100
19) 1,1-Dichloroethane	3.23	63	123761	5.555	ug/L 100
21) 2-Butanone	4.02	43	151063	59.086	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	71122	4.960	ug/L 100
23) Bromochloromethane	4.30	128	30082	4.605	ug/L 100
25) Chloroform	4.42	83	128689	5.174	ug/L 100
27) 1,2-Dichloroethane	5.18	62	76918	5.390	ug/L 100
29) 1,1,1-Trichloroethane	4.66	97	113420	4.939	ug/L 100
30) Cyclohexane	4.72	56	104826	6.017	ug/L 100
31) Carbon tetrachloride	4.87	117	104284	4.797	ug/L 100
33) Benzene	5.14	78	277028	5.380	ug/L 100
34) Trichloroethene	5.96	95	76183	5.114	ug/L 100
35) Methylcyclohexane	6.18	83	107510	5.452	ug/L 100
37) 1,2-Dichloropropane	6.22	63	65891	5.540	ug/L 100
38) Bromodichloromethane	6.55	83	86015	5.082	ug/L 100
39) cis-1,3-Dichloropropene	7.07	75	94515	5.495	ug/L 100
40) 4-Methyl-2-pentanone	7.27	43	390540	61.013	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	307795	5.476	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	73294	5.444	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	48243	4.905	ug/L	100
47) Tetrachloroethene	8.02	164	59389	4.426	ug/L	100
48) 2-Hexanone	8.18	43	281776	62.962	ug/L	100
49) Dibromochloromethane	8.29	129	55008	4.648	ug/L	100
50) 1,2-Dibromoethane	8.40	107	44515	4.933	ug/L	100
51) Chlorobenzene	8.93	112	204810	5.200	ug/L	100
52) Ethylbenzene	9.05	91	334032	5.583	ug/L	100
53) m,p-xylene	9.18	106	128669	5.500	ug/L	100
54) o-xylene	9.59	106	130164	5.672	ug/L	100
55) Styrene	9.60	104	216762	5.746	ug/L	100
56) Isopropylbenzene	9.97	105	340906	5.666	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	54252	5.076	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	42143	5.543	ug/L	100
61) Bromoform	9.77	173	26802	4.504	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	148406	5.104	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	151700	5.080	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	142337	5.003	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	8765	5.467	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	112258	4.695	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	83195	4.589	ug/L	100
69) Naphthalene	13.55	128	130887	4.814	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	79349	4.456	ug/L	100

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

