

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042419\
 Data File : VV010454.D
 Acq On : 24 Apr 2019 11:26
 Operator : SY/MD
 Sample : VSTD00535
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00535

Quant Time: Apr 25 01:37:47 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	253317	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	249625	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	129804	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	74694	5.43	ug/L	0.00
7) Chloroethane-d5	1.58	69	57283	4.00	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	149034	4.16	ug/L	0.00
20) 2-Butanone-d5	3.97	46	161349	47.93	ug/L	0.00
24) Chloroform-d	4.40	84	156482	5.08	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	77961	5.00	ug/L	0.00
32) Benzene-d6	5.10	84	300445	5.19	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	89334	4.91	ug/L	0.00
41) Toluene-d8	7.36	98	301473	5.41	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	34355	5.73	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	136236	52.09	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	65911	4.79	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	116237	4.97	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	104243	4.378	ug/L 100
3) Chloromethane	1.25	50	84051	4.217	ug/L 100
5) Vinyl chloride	1.32	62	91252	4.201	ug/L 100
6) Bromomethane	1.54	94	60738	3.925	ug/L 100
8) Chloroethane	1.60	64	49803	3.438	ug/L 100
9) Trichlorofluoromethane	1.77	101	168805	3.919	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	91357	4.008	ug/L 100
12) 1,1-Dichloroethene	2.14	96	80603	4.202	ug/L 100
13) Acetone	2.22	43	99389	37.860	ug/L 100
14) Carbon disulfide	2.32	76	214828	4.200	ug/L 100
15) Methyl Acetate	2.48	43	23644	3.847	ug/L 100
16) Methylene chloride	2.54	84	79044	3.704	ug/L 100
17) Methyl tert-butyl Ether	2.81	73	188750	4.107	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	87104	4.106	ug/L 100
19) 1,1-Dichloroethane	3.23	63	138574	3.812	ug/L 100
21) 2-Butanone	4.06	43	181180	52.734	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	89685	4.913	ug/L 100
23) Bromochloromethane	4.30	128	38666	4.729	ug/L 100
25) Chloroform	4.43	83	165774	4.852	ug/L 100
27) 1,2-Dichloroethane	5.18	62	94135	4.956	ug/L 100
29) 1,1,1-Trichloroethane	4.65	97	152365	5.183	ug/L 100
30) Cyclohexane	4.72	56	127857	5.171	ug/L 100
31) Carbon tetrachloride	4.87	117	144092	5.223	ug/L 100
33) Benzene	5.14	78	338235	4.991	ug/L 100
34) Trichloroethene	5.96	95	96791	4.905	ug/L 100
35) Methylcyclohexane	6.17	83	150495	5.147	ug/L 100
37) 1,2-Dichloropropane	6.22	63	78574	5.013	ug/L 100
38) Bromodichloromethane	6.56	83	109419	5.209	ug/L 100
39) cis-1,3-Dichloropropene	7.07	75	121411	5.514	ug/L 100
40) 4-Methyl-2-pentanone	7.28	43	459107	53.426	ug/L 100

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

42) Toluene	7.43	91	380696	5.040	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	93684	5.490	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	59416	4.792	ug/L	100
47) Tetrachloroethene	8.02	164	84475	4.907	ug/L	100
48) 2-Hexanone	8.19	43	328738	56.877	ug/L	100
49) Dibromochloromethane	8.29	129	77160	5.177	ug/L	100
50) 1,2-Dibromoethane	8.40	107	58286	5.169	ug/L	100
51) Chlorobenzene	8.93	112	252087	4.924	ug/L	100
52) Ethylbenzene	9.05	91	424956	5.197	ug/L	100
53) m,p-xylene	9.18	106	172030	5.393	ug/L	100
54) o-xylene	9.59	106	163301	5.297	ug/L	100
55) Styrene	9.60	104	271474	5.457	ug/L	100
56) Isopropylbenzene	9.97	105	446928	5.446	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	68730	5.093	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	50956	5.280	ug/L	100
61) Bromoform	9.78	173	39083	4.842	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	210513	5.010	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	209934	4.959	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	198766	5.036	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	9681	5.167	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	171708	5.267	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	128660	5.514	ug/L	100
69) Naphthalene	13.55	128	182182	6.435	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	119818	5.648	ug/L	100

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

