

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042419\
 Data File : VV010455.D
 Acq On : 24 Apr 2019 11:51
 Operator : SY/MD
 Sample : VSTD01036
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01036

Quant Time: Apr 25 01:38:10 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	250908	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	248585	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	130066	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	152211	11.17	ug/L	0.00
7) Chloroethane-d5	1.58	69	114920	8.10	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	303625	8.55	ug/L	0.00
20) 2-Butanone-d5	3.97	46	346993	104.07	ug/L	0.00
24) Chloroform-d	4.40	84	327920	10.75	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	163882	10.61	ug/L	0.00
32) Benzene-d6	5.10	84	642302	11.15	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	186810	10.30	ug/L	0.00
41) Toluene-d8	7.36	98	649179	11.70	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	76958	12.90	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	294449	113.06	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	136795	9.99	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	248588	10.60	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	201675	8.552 ug/L	96
3) Chloromethane	1.25	50	159839	8.096 ug/L	97
5) Vinyl chloride	1.32	62	180722	8.400 ug/L	97
6) Bromomethane	1.54	94	118480	7.730 ug/L	99
8) Chloroethane	1.60	64	100469	7.003 ug/L	97
9) Trichlorofluoromethane	1.77	101	328088	7.691 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	178770	7.918 ug/L	97
12) 1,1-Dichloroethene	2.14	96	157765	8.304 ug/L	90
13) Acetone	2.23	43	196277	75.486 ug/L	97
14) Carbon disulfide	2.32	76	427711	8.442 ug/L	99
15) Methyl Acetate	2.47	43	47707	7.836 ug/L	99
16) Methylene chloride	2.54	84	154428	7.306 ug/L	98
17) Methyl tert-butyl Ether	2.81	73	360245	7.913 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	169791	8.081 ug/L	96
19) 1,1-Dichloroethane	3.23	63	274998	7.638 ug/L	99
21) 2-Butanone	4.06	43	360766	106.011 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	179584	9.933 ug/L	95
23) Bromochloromethane	4.30	128	79009	9.755 ug/L	98
25) Chloroform	4.43	83	325382	9.615 ug/L	97
27) 1,2-Dichloroethane	5.18	62	198876	10.570 ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	304552	10.403 ug/L	98
30) Cyclohexane	4.72	56	261930	10.638 ug/L	98
31) Carbon tetrachloride	4.87	117	283322	10.312 ug/L	100
33) Benzene	5.14	78	677181	10.033 ug/L	100
34) Trichloroethene	5.96	95	189031	9.620 ug/L	95
35) Methylcyclohexane	6.17	83	299419	10.283 ug/L	99
37) 1,2-Dichloropropane	6.22	63	161566	10.351 ug/L	99
38) Bromodichloromethane	6.56	83	222047	10.614 ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	255114	11.634 ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	931477	108.850 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	780700	10.378	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	196073	11.539	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	119171	9.651	ug/L	97
47) Tetrachloroethene	8.02	164	171835	10.023	ug/L	96
48) 2-Hexanone	8.19	43	670802	116.544	ug/L	98
49) Dibromochloromethane	8.29	129	156943	10.575	ug/L	98
50) 1,2-Dibromoethane	8.40	107	115984	10.329	ug/L	100
51) Chlorobenzene	8.93	112	518253	10.165	ug/L	98
52) Ethylbenzene	9.05	91	868877	10.670	ug/L	100
53) m,p-xylene	9.18	106	346073	10.894	ug/L	97
54) o-xylene	9.59	106	340656	11.095	ug/L	99
55) Styrene	9.60	104	557298	11.250	ug/L	99
56) Isopropylbenzene	9.97	105	905077	11.075	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	138855	10.332	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	99166	10.319	ug/L	97
61) Bromoform	9.77	173	82980	10.260	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	421497	10.010	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	425679	10.035	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	399346	10.098	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	20567	10.956	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	357258	10.937	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	277105	11.852	ug/L	99
69) Naphthalene	13.55	128	410700	14.478	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	253659	11.932	ug/L	99

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

