

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071219\
 Data File : VV011863.D
 Acq On : 12 Jul 2019 11:15
 Operator : SY/MD
 Sample : VSTD00136
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00136

Quant Time: Jul 13 03:40:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 13 03:37:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	212543	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	184092	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	84951	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	14692	1.04	ug/L	0.00
7) Chloroethane-d5	1.58	69	11900	1.08	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	20710	0.75	ug/L	0.00
20) 2-Butanone-d5	3.96	46	28555	8.49	ug/L	0.00
24) Chloroform-d	4.40	84	26343	0.96	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	14064	0.99	ug/L	0.00
32) Benzene-d6	5.10	84	52985	1.12	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	16479	1.10	ug/L	0.00
41) Toluene-d8	7.36	98	43751	1.01	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	5307	1.01	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	18130	7.78	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	8367	0.81	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	15382	1.04	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	20078	0.996 ug/L	98
3) Chloromethane	1.25	50	19160	0.948 ug/L	91
5) Vinyl chloride	1.32	62	18895	0.993 ug/L	96
6) Bromomethane	1.54	94	10505	1.030 ug/L	96
8) Chloroethane	1.60	64	12180	1.118 ug/L	94
9) Trichlorofluoromethane	1.77	101	26217	1.045 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	10607	0.756 ug/L	94
12) 1,1-Dichloroethene	2.14	96	9798	0.754 ug/L	92
13) Acetone	2.22	43	16605	6.916 ug/L	100
14) Carbon disulfide	2.32	76	24926	0.711 ug/L	100
15) Methyl Acetate	2.47	43	3512	0.519 ug/L #	90
16) Methylene chloride	2.53	84	9736	0.637 ug/L	97
17) Methyl tert-butyl Ether	2.81	73	30184	0.919 ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	14396	0.990 ug/L	96
19) 1,1-Dichloroethane	3.23	63	27172	0.965 ug/L	95
21) 2-Butanone	4.05	43	35043	9.121 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	15235	0.987 ug/L	94
23) Bromochloromethane	4.30	128	6370	0.989 ug/L	98
25) Chloroform	4.42	83	31089	1.020 ug/L	100
27) 1,2-Dichloroethane	5.18	62	16561	0.892 ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	24433	1.131 ug/L	97
30) Cyclohexane	4.72	56	24921	1.094 ug/L	98
31) Carbon tetrachloride	4.87	117	20598	1.108 ug/L	99
33) Benzene	5.15	78	64363	1.182 ug/L	100
34) Trichloroethene	5.96	95	18706	1.294 ug/L	97
35) Methylcyclohexane	6.17	83	23542	1.004 ug/L	93
37) 1,2-Dichloropropane	6.22	63	15424	1.104 ug/L #	97
38) Bromodichloromethane	6.56	83	17138	1.036 ug/L	95
39) cis-1,3-Dichloropropene	7.07	75	17402	0.917 ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	81388	9.423 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	59330	1.023	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	14221	0.979	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	9741	1.077	ug/L	97
47) Tetrachloroethene	8.02	164	12194	1.083	ug/L	96
48) 2-Hexanone	8.19	43	58558	9.606	ug/L	97
49) Dibromochloromethane	8.29	129	10043	1.043	ug/L	94
50) 1,2-Dibromoethane	8.40	107	8822	1.054	ug/L #	99
51) Chlorobenzene	8.92	112	39102	1.065	ug/L	95
52) Ethylbenzene	9.05	91	63505	0.986	ug/L	99
53) m,p-xylene	9.18	106	22255	0.941	ug/L	94
54) o-xylene	9.59	106	21850	0.963	ug/L	96
55) Styrene	9.60	104	35716	0.937	ug/L	99
56) Isopropylbenzene	9.97	105	59252	0.964	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	8592	0.803	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	8778	1.082	ug/L	96
61) Bromoform	9.77	173	4409	0.961	ug/L	96
62) 1,3-Dichlorobenzene	11.22	146	28145	1.067	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	29831	1.104	ug/L	95
65) 1,2-Dichlorobenzene	11.69	146	26724	1.070	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	1480	0.941	ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	21453	1.047	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	17070	1.035	ug/L	96
69) Naphthalene	13.55	128	20702	0.796	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	14748	0.968	ug/L	96

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

