

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082819\
 Data File : VV012431.D
 Acq On : 28 Aug 2019 19:09
 Operator : SY/MD
 Sample : VSTD0.534
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.534

Quant Time: Aug 29 01:58:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 29 01:55:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	213083	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	205949	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	90955	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	1094	0.12	ug/L	0.00
7) Chloroethane-d5	1.59	69	1075	0.16	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	6390	0.36	ug/L	0.00
20) 2-Butanone-d5	3.97	46	15626	5.26	ug/L	0.01
24) Chloroform-d	4.40	84	11048	0.47	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	4421	0.40	ug/L	0.00
32) Benzene-d6	5.10	84	12178	0.27	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	6407	0.45	ug/L	0.00
41) Toluene-d8	7.36	98	11783	0.29	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	2196	0.40	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	10000	5.19	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	6285	0.61	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	7383	0.50	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	15237	0.738 ug/L	99
3) Chloromethane	1.25	50	12715	0.788 ug/L	97
5) Vinyl chloride	1.32	62	11067	0.719 ug/L	98
6) Bromomethane	1.54	94	5903	0.794 ug/L	98
8) Chloroethane	1.60	64	6071	0.772 ug/L	93
9) Trichlorofluoromethane	1.77	101	15082	0.726 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	7491	0.707 ug/L	97
12) 1,1-Dichloroethene	2.14	96	7045	0.723 ug/L	88
13) Acetone	2.22	43	12865	8.935 ug/L	99
14) Carbon disulfide	2.32	76	21412	0.703 ug/L	99
15) Methyl Acetate	2.47	43	3067	0.857 ug/L #	89
16) Methylene chloride	2.54	84	9243	0.861 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	20502	0.700 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	9692	0.682 ug/L	92
19) 1,1-Dichloroethane	3.23	63	19130	0.712 ug/L	99
21) 2-Butanone	4.05	43	19890	5.952 ug/L #	72
22) cis-1,2-Dichloroethene	3.96	96	10150	0.655 ug/L	100
23) Bromochloromethane	4.31	128	4245	0.649 ug/L	98
25) Chloroform	4.43	83	22822	0.773 ug/L	99
27) 1,2-Dichloroethane	5.18	62	10707	0.674 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	15942	0.690 ug/L	98
30) Cyclohexane	4.72	56	14240	0.594 ug/L	98
31) Carbon tetrachloride	4.87	117	13770	0.675 ug/L	98
33) Benzene	5.15	78	39213	0.666 ug/L	100
34) Trichloroethene	5.96	95	10620	0.677 ug/L	91
35) Methylcyclohexane	6.17	83	13867	0.557 ug/L	98
37) 1,2-Dichloropropane	6.22	63	10167	0.678 ug/L	99
38) Bromodichloromethane	6.56	83	13707	0.739 ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	12045	0.596 ug/L	88
40) 4-Methyl-2-pentanone	7.28	43	48350	5.867 ug/L	99

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

42) Toluene	7.43	91	36846	0.609	ug/L	96
44) trans-1,3-Dichloropropene	7.70	75	9594	0.634	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	7110	0.732	ug/L	93
47) Tetrachloroethene	8.02	164	8614	0.678	ug/L	95
48) 2-Hexanone	8.19	43	30745	5.213	ug/L	99
49) Dibromochloromethane	8.29	129	7904	0.676	ug/L	99
50) 1,2-Dibromoethane	8.40	107	6217	0.685	ug/L #	97
51) Chlorobenzene	8.92	112	25962	0.661	ug/L	99
52) Ethylbenzene	9.05	91	38706	0.592	ug/L	99
53) m,p-xylene	9.18	106	13382	0.543	ug/L	91
54) o-xylene	9.59	106	13042	0.556	ug/L	98
55) Styrene	9.60	104	20117	0.511	ug/L	97
56) Isopropylbenzene	9.97	105	33545	0.538	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	8192	0.756	ug/L	92
59) 1,2,3-Trichloropropane	10.32	75	6261	0.752	ug/L	98
61) Bromoform	9.77	173	4297	0.728	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	18045	0.654	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	17963	0.650	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	17285	0.680	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	1518	1.000	ug/L #	73
67) 1,3,5-Trichlorobenzene	12.69	180	13949	0.658	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	10120	0.667	ug/L	96
69) Naphthalene	13.55	128	15090	0.690	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	9358	0.655	ug/L	93

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

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