

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071719\
 Data File : VV011902.D
 Acq On : 17 Jul 2019 10:45
 Operator : SY/MD
 Sample : VSTD00131
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00131

Quant Time: Jul 18 01:25:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 18 01:22:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	184184	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	178110	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	81593	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	14230	1.04	ug/L	0.00
7) Chloroethane-d5	1.58	69	11858	1.08	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	23175	1.10	ug/L	0.00
20) 2-Butanone-d5	3.97	46	31895	10.55	ug/L	0.00
24) Chloroform-d	4.40	84	27459	1.08	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	14703	1.15	ug/L	0.00
32) Benzene-d6	5.10	84	50262	1.01	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	16007	1.05	ug/L	0.00
41) Toluene-d8	7.36	98	45914	1.02	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	5397	0.97	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	19225	8.68	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	9011	0.96	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	17203	1.14	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	18296	0.998 ug/L	99
3) Chloromethane	1.25	50	17739	0.987 ug/L	100
5) Vinyl chloride	1.32	62	17098	0.979 ug/L	98
6) Bromomethane	1.54	94	10359	1.040 ug/L	97
8) Chloroethane	1.60	64	10068	0.968 ug/L	98
9) Trichlorofluoromethane	1.77	101	20959	0.932 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	10363	1.004 ug/L	99
12) 1,1-Dichloroethene	2.14	96	9785	1.037 ug/L	94
13) Acetone	2.22	43	14973	8.793 ug/L	98
14) Carbon disulfide	2.32	76	24241	0.961 ug/L	99
15) Methyl Acetate	2.47	43	3660	0.933 ug/L #	89
16) Methylene chloride	2.53	84	10730	1.087 ug/L	98
17) Methyl tert-butyl Ether	2.81	73	27233	0.938 ug/L #	92
18) trans-1,2-Dichloroethene	2.79	96	12693	0.956 ug/L	85
19) 1,1-Dichloroethane	3.23	63	25420	1.009 ug/L	97
21) 2-Butanone	4.06	43	30628	9.253 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	13513	0.958 ug/L	92
23) Bromochloromethane	4.30	128	5672	0.955 ug/L	93
25) Chloroform	4.43	83	28229	1.022 ug/L	91
27) 1,2-Dichloroethane	5.18	62	15166	0.949 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	20114	0.889 ug/L	98
30) Cyclohexane	4.72	56	20045	0.853 ug/L	98
31) Carbon tetrachloride	4.87	117	17548	0.911 ug/L	100
33) Benzene	5.14	78	52337	0.934 ug/L	100
34) Trichloroethene	5.96	95	15069	0.947 ug/L	98
35) Methylcyclohexane	6.17	83	20725	0.895 ug/L	99
37) 1,2-Dichloropropane	6.22	63	12314	0.882 ug/L #	95
38) Bromodichloromethane	6.56	83	15318	0.918 ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	15921	0.847 ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	70304	8.535 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	53325	0.914	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	12317	0.832	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	8505	0.914	ug/L	93
47) Tetrachloroethene	8.02	164	10342	0.889	ug/L	95
48) 2-Hexanone	8.19	43	50285	8.475	ug/L	97
49) Dibromochloromethane	8.29	129	8687	0.846	ug/L	99
50) 1,2-Dibromoethane	8.40	107	7985	0.928	ug/L	98
51) Chlorobenzene	8.93	112	34639	0.919	ug/L	98
52) Ethylbenzene	9.05	91	55963	0.868	ug/L	99
53) m,p-xylene	9.18	106	20333	0.854	ug/L	100
54) o-xylene	9.59	106	18422	0.813	ug/L	98
55) Styrene	9.60	104	30907	0.809	ug/L	95
56) Isopropylbenzene	9.97	105	50934	0.823	ug/L	97
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	7227	0.792	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	7794	0.948	ug/L	100
61) Bromoform	9.77	173	3868	0.862	ug/L	95
62) 1,3-Dichlorobenzene	11.22	146	24609	0.939	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	25849	0.952	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	23360	0.942	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	1179	0.779	ug/L #	81
67) 1,3,5-Trichlorobenzene	12.69	180	18981	0.922	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	14218	0.868	ug/L	98
69) Naphthalene	13.55	128	18927	0.781	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	12941	0.874	ug/L	97

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

