

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061720\
 Data File : VV016955.D
 Acq On : 17 Jun 2020 09:50
 Operator : SY/MD
 Sample : VSTD00135
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00135

Quant Time: Jun 18 00:55:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 18 00:53:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	207208	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	195871	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	102223	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	11966	0.71	ug/L	0.00
7) Chloroethane-d5	1.58	69	8787	0.68	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	23249	0.78	ug/L	0.00
20) 2-Butanone-d5	3.93	46	28794	7.68	ug/L	0.00
24) Chloroform-d	4.38	84	25447	0.86	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	13459	0.87	ug/L	0.00
32) Benzene-d6	5.08	84	48377	0.89	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	15243	0.91	ug/L	0.00
41) Toluene-d8	7.34	98	43523	0.87	ug/L	0.00
45) trans-1,3-Dichloropropene-	7.65	79	6135	1.00	ug/L	0.00
48) 2-Hexanone-d5	8.11	63	19181	6.89	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	10.24	84	9179	0.79	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	11.65	152	18238	0.97	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	16268	0.975 ug/L	99
3) Chloromethane	1.25	50	14355	0.740 ug/L	98
5) Vinyl chloride	1.32	62	13616	0.787 ug/L	96
6) Bromomethane	1.53	94	8021	0.819 ug/L	93
8) Chloroethane	1.60	64	8214	0.801 ug/L	97
9) Trichlorofluoromethane	1.77	101	21867	0.903 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	11134	0.837 ug/L	97
12) 1,1-Dichloroethene	2.14	96	9903	0.786 ug/L	91
13) Acetone	2.19	43	15968	6.435 ug/L	92
14) Carbon disulfide	2.31	76	30440	0.800 ug/L	98
15) Methyl Acetate	2.45	43	3915	0.636 ug/L	93
16) Methylene chloride	2.52	84	11608	0.866 ug/L	97
17) Methyl tert-butyl Ether	2.79	73	25445	0.855 ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	11174	0.840 ug/L	89
19) 1,1-Dichloroethane	3.21	63	25046	0.935 ug/L	93
21) 2-Butanone	4.01	43	29992	8.153 ug/L	97
22) cis-1,2-Dichloroethene	3.94	96	14871	0.972 ug/L	90
23) Bromochloromethane	4.27	128	6377	1.053 ug/L	90
25) Chloroform	4.40	83	25762	0.942 ug/L	96
27) 1,2-Dichloroethane	5.16	62	17347	0.979 ug/L	98
29) 1,1,1-Trichloroethane	4.63	97	23414	1.020 ug/L	95
30) Cyclohexane	4.70	56	22421	0.933 ug/L	99
31) Carbon tetrachloride	4.85	117	21844	1.101 ug/L	94
33) Benzene	5.13	78	51821	0.919 ug/L	100
34) Trichloroethene	5.94	95	15887	1.058 ug/L	96
35) Methylcyclohexane	6.15	83	22416	0.930 ug/L	93
37) 1,2-Dichloropropane	6.20	63	12862	0.914 ug/L	98
38) Bromodichloromethane	6.53	83	17395	1.002 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	18329	0.956 ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	72567	8.557 ug/L	98

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

42) Toluene	7.41	91	58563	0.974	ug/L	98
43) 1,3,5-Trimethylbenzene	10.56	105	50330	0.937	ug/L	98
44) 1,2,4-Trimethylbenzene	10.94	105	51271	0.932	ug/L	100
46) trans-1,3-Dichloropropene	7.68	75	15558	0.981	ug/L	98
47) 1,1,2-Trichloroethane	7.86	97	9314	1.008	ug/L	96
49) Tetrachloroethene	8.00	164	12251	1.083	ug/L	95
50) 2-Hexanone	8.16	43	52239	8.822	ug/L	98
51) Dibromochloromethane	8.27	129	10416	1.039	ug/L	97
52) 1,2-Dibromoethane	8.38	107	8725	1.002	ug/L #	90
53) Chlorobenzene	8.90	112	38244	1.002	ug/L	98
54) Ethylbenzene	9.03	91	60640	0.910	ug/L	96
55) m,p-xylene	9.16	106	23967	0.957	ug/L	98
56) o-xylene	9.57	106	22742	0.966	ug/L	98
57) Styrene	9.58	104	36641	0.917	ug/L	94
58) Isopropylbenzene	9.95	105	62102	0.961	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.27	83	8784	0.776	ug/L	95
62) Bromoform	9.75	173	5319	1.177	ug/L #	95
63) 1,3-Dichlorobenzene	11.21	146	31610	1.018	ug/L	96
64) 1,4-Dichlorobenzene	11.30	146	32515	1.013	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	27492	0.949	ug/L	91
67) 1,2-Dibromo-3-chloropropan	12.45	75	1518	0.835	ug/L	82
68) 1,3,5-Trichlorobenzene	12.67	180	24689	1.078	ug/L	99
69) 1,2,4-trichlorobenzene	13.29	180	19773	1.010	ug/L	96
70) Naphthalene	13.53	128	26931	0.602	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	16255	0.948	ug/L	98

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

