

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050520\
 Data File : VV015894.D
 Acq On : 05 May 2020 11:21
 Operator : SY/MD
 Sample : VSTD00131
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00131

Quant Time: May 05 17:45:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 05 17:39:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	157928	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	151155	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	75239	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	8762	1.03	ug/L	0.00
7) Chloroethane-d5	1.57	69	7412	0.92	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	18033	0.98	ug/L	0.00
20) 2-Butanone-d5	3.98	46	21307	8.13	ug/L	0.03
24) Chloroform-d	4.37	84	16385	0.86	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	9811	0.90	ug/L	0.00
32) Benzene-d6	5.08	84	34022	0.94	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	10325	0.90	ug/L	0.00
41) Toluene-d8	7.34	98	30318	0.88	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	3647	0.81	ug/L	0.00
46) 2-Hexanone-d5	8.12	63	15985	7.50	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	7548	0.89	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	11107	0.87	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	12200	0.914 ug/L	99
3) Chloromethane	1.24	50	12557	1.061 ug/L	99
5) Vinyl chloride	1.32	62	11584	0.933 ug/L	100
6) Bromomethane	1.53	94	6392	1.133 ug/L	94
8) Chloroethane	1.59	64	6869	0.869 ug/L	99
9) Trichlorofluoromethane	1.76	101	15521	0.894 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	8878	0.910 ug/L	97
12) 1,1-Dichloroethene	2.13	96	8524	0.941 ug/L	90
13) Acetone	2.24	43	13046	7.278 ug/L	92
14) Carbon disulfide	2.30	76	26358	0.988 ug/L	96
15) Methyl Acetate	2.47	43	2681	0.634 ug/L #	81
16) Methylene chloride	2.52	84	12315	1.089 ug/L	99
17) Methyl tert-butyl Ether	2.79	73	22092	0.873 ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	9619	0.940 ug/L	96
19) 1,1-Dichloroethane	3.21	63	18343	0.920 ug/L	98
21) 2-Butanone	4.05	43	20611	7.424 ug/L	83
22) cis-1,2-Dichloroethene	3.94	96	9813	0.880 ug/L	98
23) Bromochloromethane	4.28	128	4152	0.904 ug/L	95
25) Chloroform	4.40	83	20101	0.942 ug/L	95
27) 1,2-Dichloroethane	5.16	62	12407	0.895 ug/L	100
29) 1,1,1-Trichloroethane	4.63	97	16198	0.865 ug/L	96
30) Cyclohexane	4.70	56	16517	0.913 ug/L	99
31) Carbon tetrachloride	4.85	117	13805	0.885 ug/L	100
33) Benzene	5.13	78	37912	0.894 ug/L	100
34) Trichloroethene	5.94	95	10079	0.860 ug/L	93
35) Methylcyclohexane	6.15	83	16401	0.906 ug/L	99
37) 1,2-Dichloropropane	6.20	63	8708	0.808 ug/L #	97
38) Bromodichloromethane	6.53	83	11176	0.818 ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	12258	0.813 ug/L	88
40) 4-Methyl-2-pentanone	7.25	43	57453	8.216 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	38901	0.859	ug/L	99
44) trans-1,3-Dichloropropene	7.68	75	9646	0.764	ug/L	93
45) 1,1,2-Trichloroethane	7.86	97	6210	0.851	ug/L	97
47) Tetrachloroethene	8.00	164	7589	0.900	ug/L	94
48) 2-Hexanone	8.17	43	37603	7.576	ug/L	97
49) Dibromochloromethane	8.27	129	6201	0.809	ug/L	91
50) 1,2-Dibromoethane	8.38	107	5928	0.878	ug/L #	91
51) Chlorobenzene	8.90	112	25752	0.868	ug/L	96
52) Ethylbenzene	9.04	91	43808	0.837	ug/L	100
53) m,p-xylene	9.16	106	16125	0.839	ug/L	99
54) o-xylene	9.57	106	14956	0.808	ug/L	95
55) Styrene	9.58	104	24706	0.788	ug/L	99
56) Isopropylbenzene	9.95	105	41907	0.808	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	7111	0.833	ug/L	96
59) 1,2,3-Trichloropropane	10.30	75	5702	0.836	ug/L	100
61) Bromoform	9.76	173	2995	0.945	ug/L	94
62) 1,3-Dichlorobenzene	11.21	146	20400	0.875	ug/L	97
63) 1,4-Dichlorobenzene	11.30	146	19699	0.838	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	18278	0.868	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.46	75	1144	0.834	ug/L #	87
67) 1,3,5-Trichlorobenzene	12.67	180	14986	0.866	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	11760	0.751	ug/L	95
69) Naphthalene	13.53	128	19035	0.678	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	11125	0.801	ug/L	100

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

