

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042220\
 Data File : VV015621.D
 Acq On : 22 Apr 2020 14:54
 Operator : SY/MD
 Sample : VSTD02033
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02033

Quant Time: Apr 23 00:33:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 23 00:28:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	140491	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	134850	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	69608	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	149220	20.65	ug/L	0.00
7) Chloroethane-d5	1.58	69	139724	20.75	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	324560	21.13	ug/L	0.00
20) 2-Butanone-d5	3.91	46	506029	240.15	ug/L	-0.03
24) Chloroform-d	4.38	84	362174	22.33	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	195625	22.36	ug/L	0.00
32) Benzene-d6	5.07	84	667833	21.97	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	209798	22.05	ug/L	0.00
41) Toluene-d8	7.34	98	644243	22.29	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	89532	22.38	ug/L	0.00
46) 2-Hexanone-d5	8.11	63	437602	222.98	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	160561	21.62	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	239312	21.28	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	244880	18.207	ug/L 99
3) Chloromethane	1.25	50	207913	16.500	ug/L 98
5) Vinyl chloride	1.32	62	226420	18.368	ug/L 99
6) Bromomethane	1.53	94	107350	16.428	ug/L 97
8) Chloroethane	1.59	64	141029	19.060	ug/L 99
9) Trichlorofluoromethane	1.76	101	320266	19.966	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	182798	20.022	ug/L 98
12) 1,1-Dichloroethene	2.13	96	166123	19.126	ug/L 99
13) Acetone	2.19	43	310470	209.844	ug/L 98
14) Carbon disulfide	2.31	76	498651	17.220	ug/L 100
15) Methyl Acetate	2.45	43	78760	18.059	ug/L 98
16) Methylene chloride	2.52	84	187390	18.301	ug/L 99
17) Methyl tert-butyl Ether	2.78	73	478084	20.411	ug/L 98
18) trans-1,2-Dichloroethene	2.78	96	188073	19.365	ug/L 99
19) 1,1-Dichloroethane	3.21	63	371326	20.055	ug/L 100
21) 2-Butanone	3.99	43	533295	222.167	ug/L 99
22) cis-1,2-Dichloroethene	3.94	96	207390	20.367	ug/L 98
23) Bromochloromethane	4.27	128	85337	20.177	ug/L 100
25) Chloroform	4.40	83	384795	20.198	ug/L 98
27) 1,2-Dichloroethane	5.15	62	255040	20.691	ug/L 99
29) 1,1,1-Trichloroethane	4.63	97	352267	20.196	ug/L 100
30) Cyclohexane	4.70	56	339733	18.749	ug/L 99
31) Carbon tetrachloride	4.85	117	296271	19.742	ug/L 99
33) Benzene	5.13	78	791189	19.791	ug/L 100
34) Trichloroethene	5.94	95	214671	19.812	ug/L 98
35) Methylcyclohexane	6.15	83	343971	19.298	ug/L 99
37) 1,2-Dichloropropane	6.20	63	202793	20.366	ug/L 100
38) Bromodichloromethane	6.53	83	267526	20.435	ug/L 99
39) cis-1,3-Dichloropropene	7.05	75	309232	20.676	ug/L 99
40) 4-Methyl-2-pentanone	7.25	43	1321651	202.443	ug/L 99

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42) Toluene	7.41	91	862549	19.945	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	267573	21.051	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	136512	20.258	ug/L	99
47) Tetrachloroethene	8.00	164	157422	19.768	ug/L	98
48) 2-Hexanone	8.16	43	944369	206.056	ug/L	99
49) Dibromochloromethane	8.27	129	158931	20.367	ug/L	99
50) 1,2-Dibromoethane	8.37	107	129637	20.225	ug/L	98
51) Chlorobenzene	8.90	112	547275	19.791	ug/L	98
52) Ethylbenzene	9.03	91	1007384	20.268	ug/L	100
53) m,p-xylene	9.16	106	378100	20.196	ug/L	99
54) o-xylene	9.57	106	364076	20.073	ug/L	97
55) Styrene	9.58	104	632987	20.720	ug/L	98
56) Isopropylbenzene	9.95	105	1014312	20.339	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	163004	20.133	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	126017	20.401	ug/L	99
61) Bromoform	9.75	173	72368	19.112	ug/L	97
62) 1,3-Dichlorobenzene	11.20	146	449306	20.232	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	449019	19.838	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	408444	20.071	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	29504	19.506	ug/L	89
67) 1,3,5-Trichlorobenzene	12.67	180	339933	21.134	ug/L	97
68) 1,2,4-trichlorobenzene	13.28	180	309028	21.096	ug/L	99
69) Naphthalene	13.52	128	563429	20.740	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	270483	20.979	ug/L	99

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

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