

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102220\
 Data File : VV019065.D
 Acq On : 22 Oct 2020 12:21
 Operator : SY/MD
 Sample : VSTD01062
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01062

Quant Time: Oct 22 13:17:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 13:09:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	303085	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	299282	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	154386	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28226	10.97	ug/L	0.00
7) Chloroethane-d5	1.58	69	23453	11.51	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	52495	10.83	ug/L	0.00
21) 2-Butanone-d5	3.94	46	35565	20.12	ug/L	0.02
24) Chloroform-d	4.38	84	49647	10.82	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	32723	10.72	ug/L	0.00
32) Benzene-d6	5.08	84	91504	10.29	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	30202	10.62	ug/L	0.00
41) Toluene-d8	7.34	98	80207	10.06	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	14902	10.63	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	22257	20.39	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	40467	11.89	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	32733	10.27	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	23058	8.787 ug/L	97
3) Chloromethane	1.25	50	29316	9.818 ug/L	99
5) Vinyl chloride	1.32	62	28860	9.962 ug/L	97
6) Bromomethane	1.53	94	15675	8.980 ug/L	97
8) Chloroethane	1.60	64	18282	10.442 ug/L	99
9) Trichlorofluoromethane	1.77	101	37676	9.796 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	19950	9.952 ug/L	98
12) 1,1-Dichloroethene	2.14	96	19722	9.764 ug/L	91
13) Acetone	2.20	43	23705	18.565 ug/L	95
14) Carbon disulfide	2.31	76	65566	9.583 ug/L	100
15) Methyl Acetate	2.46	43	25015	9.488 ug/L	98
16) Methylene chloride	2.52	84	23665	9.827 ug/L	95
17) trans-1,2-Dichloroethene	2.78	96	20702	9.352 ug/L	98
18) Methyl tert-butyl Ether	2.79	73	66026	9.386 ug/L	99
19) 1,1-Dichloroethane	3.21	63	42939	9.895 ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	21626	9.230 ug/L	96
22) 2-Butanone	4.02	43	27829	16.099 ug/L	96
23) Bromochloromethane	4.28	128	11716	9.657 ug/L	93
25) Chloroform	4.41	83	41781	9.630 ug/L	100
27) 1,2-Dichloroethane	5.16	62	33986	9.537 ug/L	98
29) Cyclohexane	4.70	56	31670	8.725 ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	35579	9.473 ug/L	97
31) Carbon tetrachloride	4.86	117	31343	9.777 ug/L	97
33) Benzene	5.13	78	87654	9.479 ug/L	100
34) Trichloroethene	5.94	95	22426	8.587 ug/L	97
35) Methylcyclohexane	6.16	83	28134	8.597 ug/L	97
37) 1,2-Dichloropropane	6.20	63	24227	9.806 ug/L	98
38) Bromodichloromethane	6.53	83	30095	9.483 ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	34278	9.180 ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	60595	17.772 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	87221	9.179	ug/L	98
44) trans-1,3-Dichloropropene	7.68	75	33213	9.200	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	21791	9.527	ug/L	99
46) Tetrachloroethene	8.00	164	16769	8.956	ug/L	98
48) 2-Hexanone	8.16	43	47873	17.771	ug/L	96
49) Dibromochloromethane	8.27	129	22784	9.345	ug/L	97
50) 1,2-Dibromoethane	8.38	107	22284	9.358	ug/L	97
51) Chlorobenzene	8.90	112	57904	9.349	ug/L	99
52) Ethylbenzene	9.04	91	92696	9.005	ug/L	100
53) m,p-Xylene	9.16	106	34192	8.905	ug/L	99
54) o-xylene	9.57	106	32913	8.973	ug/L	94
55) Styrene	9.58	104	56910	8.806	ug/L	97
56) Isopropylbenzene	9.95	105	83451	8.655	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	36015	11.192	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	28700	9.611	ug/L	99
61) Bromoform	9.75	173	15823	9.274	ug/L	97
62) 1,3-Dichlorobenzene	11.20	146	44854	9.330	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	47459	9.413	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	45215	9.357	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	7577	10.149	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	29706	9.222	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	27183	9.127	ug/L	99
69) Naphthalene	13.52	128	73749	8.553	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	28318	9.512	ug/L	97

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

