

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090920\
 Data File : VV018162.D
 Acq On : 09 Sep 2020 10:36
 Operator : SY/MD
 Sample : VSTD01065
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01065

Quant Time: Sep 10 02:09:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 10 02:02:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	332618	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	322201	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	171374	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27987	10.80	ug/L	0.00
7) Chloroethane-d5	1.58	69	22756	10.73	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	50984	10.37	ug/L	0.00
21) 2-Butanone-d5	3.92	46	32312	19.42	ug/L	0.00
24) Chloroform-d	4.38	84	47052	10.11	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	31139	10.35	ug/L	0.00
32) Benzene-d6	5.08	84	94087	10.51	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	30269	10.43	ug/L	0.00
41) Toluene-d8	7.34	98	84088	10.38	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	14714	10.94	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	18453	19.03	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	35877	9.53	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	35124	10.26	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	25487	9.873 ug/L	100
3) Chloromethane	1.25	50	27158	9.211 ug/L	99
5) Vinyl chloride	1.32	62	27556	9.411 ug/L	100
6) Bromomethane	1.53	94	16774	9.507 ug/L	99
8) Chloroethane	1.60	64	17561	9.395 ug/L	96
9) Trichlorofluoromethane	1.77	101	38620	9.255 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	23016	9.728 ug/L	98
12) 1,1-Dichloroethene	2.14	96	21849	9.746 ug/L	93
13) Acetone	2.19	43	29085	17.748 ug/L	100
14) Carbon disulfide	2.31	76	67320	10.667 ug/L	98
15) Methyl Acetate	2.45	43	23836	8.820 ug/L	100
16) Methylene chloride	2.53	84	24913	8.924 ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	22245	9.646 ug/L	99
18) Methyl tert-butyl Ether	2.79	73	67277	8.977 ug/L	99
19) 1,1-Dichloroethane	3.22	63	43151	9.421 ug/L	99
20) cis-1,2-Dichloroethene	3.95	96	23627	9.410 ug/L	98
22) 2-Butanone	4.01	43	30375	16.378 ug/L	96
23) Bromochloromethane	4.28	128	12621	9.590 ug/L	99
25) Chloroform	4.41	83	44302	9.485 ug/L	98
27) 1,2-Dichloroethane	5.16	62	33336	9.027 ug/L	99
29) Cyclohexane	4.71	56	35838	9.201 ug/L	100
30) 1,1,1-Trichloroethane	4.64	97	38086	9.685 ug/L	99
31) Carbon tetrachloride	4.86	117	33126	9.982 ug/L	99
33) Benzene	5.13	78	92904	9.417 ug/L	100
34) Trichloroethene	5.94	95	26607	10.131 ug/L	97
35) Methylcyclohexane	6.16	83	37327	9.466 ug/L	99
37) 1,2-Dichloropropane	6.20	63	24092	9.004 ug/L	# 92
38) Bromodichloromethane	6.54	83	31950	9.533 ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	36392	9.470 ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	56288	16.366 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	97841	9.461	ug/L	99
44) trans-1,3-Dichloropropene	7.68	75	34796	9.507	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	22411	9.020	ug/L	96
46) Tetrachloroethene	8.00	164	20072	10.237	ug/L	96
48) 2-Hexanone	8.16	43	46357	16.796	ug/L	96
49) Dibromochloromethane	8.27	129	24777	9.977	ug/L	97
50) 1,2-Dibromoethane	8.38	107	23876	9.248	ug/L	99
51) Chlorobenzene	8.90	112	63856	9.560	ug/L	99
52) Ethylbenzene	9.04	91	103719	9.183	ug/L	99
53) m,p-Xylene	9.16	106	38451	9.236	ug/L	96
54) o-xylene	9.57	106	36800	8.953	ug/L	98
55) Styrene	9.58	104	62367	8.880	ug/L	99
56) Isopropylbenzene	9.95	105	99757	9.170	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	31914	8.341	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	28698	8.764	ug/L	99
61) Bromoform	9.75	173	17798	10.601	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	51475	9.447	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	52715	9.415	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	51726	9.276	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	6527	8.136	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	39849	9.543	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	33153	9.032	ug/L	99
69) Naphthalene	13.53	128	73746	7.460	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	33416	9.006	ug/L	99

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

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