

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
 Data File : VV018775.D
 Acq On : 08 Oct 2020 20:40
 Operator : SY/MD
 Sample : VSTD05062
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05062

Quant Time: Oct 08 23:38:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 23:30:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	348516	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	322254	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	169284	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	151030	67.47	ug/L	0.00
7) Chloroethane-d5	1.58	69	120833	65.73	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	287691	64.20	ug/L	0.00
21) 2-Butanone-d5	3.91	46	188550	119.17	ug/L	0.00
24) Chloroform-d	4.38	84	258504	56.66	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	176775	59.94	ug/L	0.00
32) Benzene-d6	5.07	84	504816	59.35	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	177501	66.49	ug/L	0.00
41) Toluene-d8	7.34	98	460346	58.04	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	82127	59.34	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	120142	123.78	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.23	84	197010	58.36	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	181516	54.42	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	102655	44.634	ug/L 100
3) Chloromethane	1.25	50	131250	51.536	ug/L 100
5) Vinyl chloride	1.32	62	140147	52.138	ug/L 100
6) Bromomethane	1.53	94	81964	46.143	ug/L 100
8) Chloroethane	1.60	64	90234	53.887	ug/L 100
9) Trichlorofluoromethane	1.76	101	205135	50.706	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	113815	50.128	ug/L 100
12) 1,1-Dichloroethene	2.13	96	109707	50.304	ug/L 100
13) Acetone	2.19	43	141476	105.857	ug/L 100
14) Carbon disulfide	2.31	76	322163	46.622	ug/L 100
15) Methyl Acetate	2.45	43	144070	55.567	ug/L 100
16) Methylene chloride	2.52	84	131338	50.319	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	107614	44.657	ug/L 100
18) Methyl tert-butyl Ether	2.78	73	365326	48.748	ug/L 100
19) 1,1-Dichloroethane	3.21	63	221686	50.963	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	120611	46.836	ug/L 100
22) 2-Butanone	3.99	43	176534	107.768	ug/L 100
23) Bromochloromethane	4.27	128	61399	43.796	ug/L 100
25) Chloroform	4.40	83	226350	49.578	ug/L 100
27) 1,2-Dichloroethane	5.15	62	188917	52.534	ug/L 100
29) Cyclohexane	4.70	56	188068	51.450	ug/L 100
30) 1,1,1-Trichloroethane	4.63	97	199713	50.231	ug/L 100
31) Carbon tetrachloride	4.85	117	171675	48.501	ug/L 100
33) Benzene	5.13	78	479579	50.812	ug/L 100
34) Trichloroethene	5.94	95	145063	52.282	ug/L 100
35) Methylcyclohexane	6.15	83	185178	50.280	ug/L 100
37) 1,2-Dichloropropane	6.20	63	139615	56.115	ug/L 100
38) Bromodichloromethane	6.53	83	168712	51.833	ug/L 100
39) cis-1,3-Dichloropropene	7.05	75	193475	51.256	ug/L 100
40) 4-Methyl-2-pentanone	7.24	43	346067	109.758	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	511491	50.394	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	196474	52.628	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	117200	49.207	ug/L	100
46) Tetrachloroethene	8.00	164	99547	45.831	ug/L	100
48) 2-Hexanone	8.16	43	271297	110.158	ug/L	100
49) Dibromochloromethane	8.27	129	129691	48.086	ug/L	100
50) 1,2-Dibromoethane	8.37	107	123159	49.028	ug/L	100
51) Chlorobenzene	8.90	112	329538	48.383	ug/L	100
52) Ethylbenzene	9.03	91	575782	50.725	ug/L	100
53) m,p-Xylene	9.16	106	214678	49.273	ug/L	100
54) o-xylene	9.56	106	203611	49.488	ug/L	100
55) Styrene	9.58	104	369350	51.301	ug/L	100
56) Isopropylbenzene	9.95	105	604263	53.633	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	172596	51.355	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	157269	52.996	ug/L	100
61) Bromoform	9.75	173	94486	49.193	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	262870	48.557	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	268710	48.158	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	261673	48.639	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	35164	48.587	ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	173766	46.851	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	162951	47.419	ug/L	100
69) Naphthalene	13.52	128	486959	49.581	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	166124	47.989	ug/L	100

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

