

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
 Data File : VV018774.D
 Acq On : 08 Oct 2020 20:17
 Operator : SY/MD
 Sample : VSTD01061
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01061

Quant Time: Oct 08 23:37:54 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	339242	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	332621	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	173688	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31972	14.67	ug/L	0.00
7) Chloroethane-d5	1.58	69	26850	15.00	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	61010	13.99	ug/L	0.00
21) 2-Butanone-d5	3.91	46	42641	27.69	ug/L	0.00
24) Chloroform-d	4.38	84	59281	13.35	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	37919	13.21	ug/L	0.00
32) Benzene-d6	5.08	84	104506	11.90	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	33407	12.12	ug/L	0.00
41) Toluene-d8	7.34	98	92616	11.31	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	15915	11.14	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	19234	19.20	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	36751	10.55	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	37946	11.09	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	22435	10.021	ug/L	98
3) Chloromethane	1.25	50	30877	12.455	ug/L	99
5) Vinyl chloride	1.32	62	30846	11.789	ug/L	96
6) Bromomethane	1.53	94	18652	10.787	ug/L	96
8) Chloroethane	1.59	64	21469	13.172	ug/L	99
9) Trichlorofluoromethane	1.76	101	46287	11.754	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	25209	11.406	ug/L	97
12) 1,1-Dichloroethene	2.13	96	23963	11.288	ug/L	92
13) Acetone	2.18	43	34700	26.673	ug/L	100
14) Carbon disulfide	2.31	76	71984	10.702	ug/L	99
15) Methyl Acetate	2.45	43	34196	13.550	ug/L	100
16) Methylene chloride	2.52	84	32405	12.755	ug/L	97
17) trans-1,2-Dichloroethene	2.78	96	27250	11.617	ug/L	96
18) Methyl tert-butyl Ether	2.78	73	91947	12.604	ug/L	99
19) 1,1-Dichloroethane	3.21	63	56865	13.430	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	29559	11.792	ug/L	97
22) 2-Butanone	4.00	43	41937	26.301	ug/L	93
23) Bromochloromethane	4.28	128	15383	11.273	ug/L	98
25) Chloroform	4.41	83	56001	12.601	ug/L	98
27) 1,2-Dichloroethane	5.16	62	41007	11.715	ug/L	99
29) Cyclohexane	4.70	56	38906	10.312	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	44463	10.835	ug/L	99
31) Carbon tetrachloride	4.86	117	37617	10.296	ug/L	98
33) Benzene	5.13	78	105125	10.791	ug/L	100
34) Trichloroethene	5.94	95	31549	11.016	ug/L	96
35) Methylcyclohexane	6.15	83	34962	9.197	ug/L	98
37) 1,2-Dichloropropane	6.20	63	29190	11.367	ug/L	99
38) Bromodichloromethane	6.53	83	37737	11.233	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	38682	9.928	ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	75240	23.119	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	110326	10.531	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	41755	10.836	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	26795	10.899	ug/L	96
46) Tetrachloroethene	8.00	164	23615	10.533	ug/L	99
48) 2-Hexanone	8.16	43	58982	23.203	ug/L	97
49) Dibromochloromethane	8.27	129	28878	10.373	ug/L	99
50) 1,2-Dibromoethane	8.38	107	27786	10.717	ug/L	96
51) Chlorobenzene	8.90	112	74287	10.567	ug/L	99
52) Ethylbenzene	9.03	91	120537	10.288	ug/L	100
53) m,p-Xylene	9.16	106	43627	9.701	ug/L	98
54) o-xylene	9.56	106	41481	9.768	ug/L	99
55) Styrene	9.58	104	73615	9.906	ug/L	99
56) Isopropylbenzene	9.95	105	111577	9.595	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	34615	9.979	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	35137	11.471	ug/L	99
61) Bromoform	9.75	173	18878	9.579	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	58777	10.582	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	59773	10.441	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	59081	10.703	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	7490	10.087	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	38210	10.041	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	33732	9.567	ug/L	99
69) Naphthalene	13.53	128	87528	8.686	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	34640	9.753	ug/L	99

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

