

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
 Data File : VV019507.D
 Acq On : 10 Dec 2020 12:05
 Operator : SY/MD
 Sample : VSTD01061
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01061

Quant Time: Dec 10 14:40:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 10 14:37:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	741839	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	684669	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	328760	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	52559	12.73	ug/L	0.00
7) Chloroethane-d5	1.57	69	41542	9.79	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.11	63	98975	10.17	ug/L	0.00
21) 2-Butanone-d5	3.91	46	57411	18.60	ug/L	0.01
24) Chloroform-d	4.36	84	94864	9.98	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.04	65	63005	9.96	ug/L	0.00
32) Benzene-d6	5.06	84	184689	10.86	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.07	67	56721	9.85	ug/L	0.00
41) Toluene-d8	7.32	98	161187	11.01	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.63	79	31556	11.29	ug/L	0.00
47) 2-Hexanone-d5	8.09	63	43605	25.40	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.22	84	78349	11.36	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.63	152	62514	11.60	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.13	85	58824	15.570 ug/L	98
3) Chloromethane	1.24	50	65215	15.761 ug/L	98
5) Vinyl chloride	1.31	62	65077	13.775 ug/L	99
6) Bromomethane	1.52	94	39021	9.631 ug/L	97
8) Chloroethane	1.59	64	39439	11.292 ug/L	99
9) Trichlorofluoromethane	1.76	101	79939	10.931 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	42108	9.983 ug/L	97
12) 1,1-Dichloroethene	2.12	96	44734	10.990 ug/L #	78
13) Acetone	2.19	43	49570	12.836 ug/L	98
14) Carbon disulfide	2.30	76	147879	12.710 ug/L	100
15) Methyl Acetate	2.44	43	53968	8.400 ug/L	100
16) Methylene chloride	2.51	84	53009	9.750 ug/L	98
17) trans-1,2-Dichloroethene	2.77	96	49418	10.815 ug/L	97
18) Methyl tert-butyl Ether	2.77	73	173963	10.466 ug/L	99
19) 1,1-Dichloroethane	3.20	63	95897	9.299 ug/L	99
20) cis-1,2-Dichloroethene	3.92	96	54208	10.312 ug/L #	99
22) 2-Butanone	3.99	43	69681	14.435 ug/L	97
23) Bromochloromethane	4.26	128	26697	10.299 ug/L	97
25) Chloroform	4.38	83	96678	9.469 ug/L	98
27) 1,2-Dichloroethane	5.14	62	79159	9.507 ug/L	99
29) Cyclohexane	4.69	56	83788	11.567 ug/L	98
30) 1,1,1-Trichloroethane	4.61	97	87283	10.533 ug/L	100
31) Carbon tetrachloride	4.83	117	74333	10.890 ug/L	99
33) Benzene	5.11	78	204997	10.545 ug/L	100
34) Trichloroethene	5.92	95	53806	9.901 ug/L	98
35) Methylcyclohexane	6.14	83	78211	11.615 ug/L	99
37) 1,2-Dichloropropane	6.18	63	53447	9.474 ug/L	99
38) Bromodichloromethane	6.51	83	74043	10.030 ug/L	98
39) cis-1,3-Dichloropropene	7.03	75	84444	10.335 ug/L	99
40) 4-Methyl-2-pentanone	7.23	43	154290	18.652 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.39	91	215123	10.918	ug/L	100
44) trans-1,3-Dichloropropene	7.66	75	87828	10.613	ug/L	99
45) 1,1,2-Trichloroethane	7.84	97	51286	10.023	ug/L	97
46) Tetrachloroethene	7.98	164	36562	10.900	ug/L	99
48) 2-Hexanone	8.14	43	112390	17.103	ug/L	98
49) Dibromochloromethane	8.25	129	54277	10.127	ug/L	99
50) 1,2-Dibromoethane	8.36	107	52622	10.248	ug/L	99
51) Chlorobenzene	8.89	112	138761	10.784	ug/L	98
52) Ethylbenzene	9.02	91	245742	11.332	ug/L	98
53) m,p-Xylene	9.14	106	89550	11.496	ug/L	97
54) o-xylene	9.55	106	89209	11.827	ug/L	100
55) Styrene	9.57	104	152669	11.432	ug/L	99
56) Isopropylbenzene	9.94	105	238809	11.695	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.24	83	80806	10.354	ug/L	99
59) 1,2,3-Trichloropropane	10.28	75	66356	9.470	ug/L	100
61) Bromoform	9.74	173	36144	9.868	ug/L	100
62) 1,3-Dichlorobenzene	11.19	146	102457	10.755	ug/L	98
63) 1,4-Dichlorobenzene	11.28	146	103332	10.370	ug/L	97
65) 1,2-Dichlorobenzene	11.65	146	101356	10.425	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.43	75	20818	10.668	ug/L	94
67) 1,3,5-Trichlorobenzene	12.65	180	70585	9.948	ug/L	99
68) 1,2,4-trichlorobenzene	13.27	180	65455	10.416	ug/L	100
69) Naphthalene	13.51	128	227964	12.811	ug/L	99
70) 1,2,3-Trichlorobenzene	13.75	180	65217	10.169	ug/L	99

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

