

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
 Data File : VV019508.D
 Acq On : 10 Dec 2020 12:29
 Operator : SY/MD
 Sample : VSTD05062
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05062

Quant Time: Dec 10 14:40:39 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	746533	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	701989	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	342189	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	134228	32.30	ug/L	0.00
7) Chloroethane-d5	1.57	69	107110	25.08	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.11	63	314238	32.08	ug/L	0.00
21) 2-Butanone-d5	3.89	46	155077	49.92	ug/L	0.00
24) Chloroform-d	4.35	84	253896	26.55	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.04	65	159449	25.04	ug/L	0.00
32) Benzene-d6	5.05	84	472805	27.13	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.07	67	147882	25.04	ug/L	0.00
41) Toluene-d8	7.32	98	428342	28.53	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.62	79	84796	29.58	ug/L	0.00
47) 2-Hexanone-d5	8.09	63	118809	67.50	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.22	84	205666	29.09	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.63	152	160005	28.53	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.13	85	302601	79.593	ug/L 100
3) Chloromethane	1.24	50	328189	78.816	ug/L 100
5) Vinyl chloride	1.31	62	329510	69.311	ug/L 100
6) Bromomethane	1.52	94	196626	48.227	ug/L 100
8) Chloroethane	1.59	64	198418	56.452	ug/L 100
9) Trichlorofluoromethane	1.76	101	407692	55.399	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	216900	51.101	ug/L 100
12) 1,1-Dichloroethene	2.12	96	228401	55.760	ug/L 100
13) Acetone	2.19	43	252661	65.013	ug/L 100
14) Carbon disulfide	2.30	76	751536	64.188	ug/L 100
15) Methyl Acetate	2.43	43	285854	44.215	ug/L 100
16) Methylene chloride	2.51	84	261493	47.795	ug/L 100
17) trans-1,2-Dichloroethene	2.76	96	250650	54.511	ug/L 100
18) Methyl tert-butyl Ether	2.77	73	872995	52.191	ug/L 100
19) 1,1-Dichloroethane	3.19	63	481672	46.411	ug/L 100
20) cis-1,2-Dichloroethene	3.92	96	275215	52.027	ug/L 100
22) 2-Butanone	3.97	43	400985	82.548	ug/L 100
23) Bromochloromethane	4.25	128	135010	51.757	ug/L 100
25) Chloroform	4.38	83	479321	46.652	ug/L 100
27) 1,2-Dichloroethane	5.14	62	402338	48.017	ug/L 100
29) Cyclohexane	4.68	56	436285	58.742	ug/L 100
30) 1,1,1-Trichloroethane	4.61	97	447813	52.705	ug/L 100
31) Carbon tetrachloride	4.83	117	378123	54.030	ug/L 100
33) Benzene	5.10	78	1041438	52.247	ug/L 100
34) Trichloroethene	5.92	95	274280	49.226	ug/L 100
35) Methylcyclohexane	6.14	83	414488	60.036	ug/L 100
37) 1,2-Dichloropropane	6.18	63	274929	47.529	ug/L 100
38) Bromodichloromethane	6.51	83	377744	49.906	ug/L 100
39) cis-1,3-Dichloropropene	7.03	75	463163	55.285	ug/L 100
40) 4-Methyl-2-pentanone	7.23	43	803744	94.764	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.39	91	1108482	54.871	ug/L	100
44) trans-1,3-Dichloropropene	7.65	75	457460	53.914	ug/L	100
45) 1,1,2-Trichloroethane	7.84	97	255387	48.679	ug/L	100
46) Tetrachloroethene	7.98	164	191444	55.666	ug/L	100
48) 2-Hexanone	8.14	43	600486	89.125	ug/L	100
49) Dibromochloromethane	8.25	129	283648	51.619	ug/L	100
50) 1,2-Dibromoethane	8.36	107	275021	52.239	ug/L	100
51) Chlorobenzene	8.88	112	700760	53.116	ug/L	100
52) Ethylbenzene	9.02	91	1264570	56.877	ug/L	100
53) m,p-Xylene	9.14	106	471542	59.041	ug/L	100
54) o-xylene	9.55	106	462770	59.840	ug/L	100
55) Styrene	9.56	104	811414	59.261	ug/L	100
56) Isopropylbenzene	9.94	105	1239658	59.211	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.24	83	411963	51.482	ug/L	100
59) 1,2,3-Trichloropropane	10.28	75	339573	47.266	ug/L	100
61) Bromoform	9.74	173	193831	50.843	ug/L	100
62) 1,3-Dichlorobenzene	11.19	146	532941	53.750	ug/L	100
63) 1,4-Dichlorobenzene	11.28	146	540554	52.120	ug/L	100
65) 1,2-Dichlorobenzene	11.65	146	528904	52.268	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.43	75	110934	54.618	ug/L	100
67) 1,3,5-Trichlorobenzene	12.65	180	380004	51.453	ug/L	100
68) 1,2,4-trichlorobenzene	13.27	180	354432	54.187	ug/L	100
69) Naphthalene	13.50	128	1275290	68.858	ug/L	100
70) 1,2,3-Trichlorobenzene	13.75	180	349938	52.422	ug/L	100

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

