

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111220\
 Data File : VV019348.D
 Acq On : 12 Nov 2020 12:33
 Operator : SY/MD
 Sample : VSTD10066
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10066

Quant Time: Nov 12 12:56:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 12 12:30:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	210600	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	208298	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	130838	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	164261	99.27	ug/L	0.00
7) Chloroethane-d5	1.58	69	130233	99.82	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	332246	103.70	ug/L	0.00
21) 2-Butanone-d5	3.91	46	173056	175.77	ug/L	0.00
24) Chloroform-d	4.37	84	305737	98.26	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.05	65	210144	97.02	ug/L	0.00
32) Benzene-d6	5.07	84	545749	93.71	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	150991	87.81	ug/L	0.00
41) Toluene-d8	7.34	98	544131	96.90	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	97540	97.08	ug/L	0.00
47) 2-Hexanone-d5	8.10	63	131610	180.90	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.23	84	214530	92.21	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	251907	93.23	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	183232	99.610	ug/L	99
3) Chloromethane	1.25	50	162610	96.301	ug/L	99
5) Vinyl chloride	1.32	62	175896	101.628	ug/L	97
6) Bromomethane	1.53	94	124636	105.470	ug/L	100
8) Chloroethane	1.60	64	109665	101.098	ug/L	100
9) Trichlorofluoromethane	1.76	101	319116	108.812	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	145992	104.446	ug/L	99
12) 1,1-Dichloroethene	2.13	96	148015	107.396	ug/L	90
13) Acetone	2.19	43	136868	148.845	ug/L	99
14) Carbon disulfide	2.31	76	411444	96.404	ug/L	99
15) Methyl Acetate	2.45	43	125133	84.229	ug/L	100
16) Methylene chloride	2.52	84	144259	93.804	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	144308	99.345	ug/L	98
18) Methyl tert-butyl Ether	2.78	73	464513	95.733	ug/L	100
19) 1,1-Dichloroethane	3.21	63	247852	92.833	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	152537	96.068	ug/L	100
22) 2-Butanone	3.99	43	172726	173.508	ug/L	100
23) Bromochloromethane	4.27	128	87783	101.179	ug/L	95
25) Chloroform	4.40	83	283558	96.628	ug/L	100
27) 1,2-Dichloroethane	5.15	62	239006	95.211	ug/L	100
29) Cyclohexane	4.70	56	200915	89.837	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	283282	99.954	ug/L	99
31) Carbon tetrachloride	4.86	117	259911	102.950	ug/L	100
33) Benzene	5.13	78	554285	93.152	ug/L	100
34) Trichloroethene	5.94	95	159658	96.736	ug/L	98
35) Methylcyclohexane	6.15	83	213579	98.248	ug/L	98
37) 1,2-Dichloropropane	6.20	63	130525	88.972	ug/L	100
38) Bromodichloromethane	6.53	83	217223	97.619	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	238550	97.397	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	347005	174.676	ug/L	100

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42) Toluene	7.41	91	637123	97.625	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	257666	100.566	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	140695	93.684	ug/L	98
46) Tetrachloroethene	8.00	164	145455	102.588	ug/L	100
48) 2-Hexanone	8.16	43	268354	169.039	ug/L	98
49) Dibromochloromethane	8.27	129	189866	103.377	ug/L	100
50) 1,2-Dibromoethane	8.37	107	158884	98.959	ug/L	95
51) Chlorobenzene	8.90	112	422282	97.840	ug/L	99
52) Ethylbenzene	9.03	91	727477	100.694	ug/L	99
53) m,p-Xylene	9.16	106	280641	102.913	ug/L	99
54) o-xylene	9.56	106	272764	103.640	ug/L	96
55) Styrene	9.58	104	492758	105.841	ug/L	100
56) Isopropylbenzene	9.95	105	744684	105.613	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	205342	91.580	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	179640	92.513	ug/L	99
61) Bromoform	9.75	173	156729	97.082	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	385335	94.356	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	400161	94.505	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	387744	95.441	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	59207	86.995	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	295804	97.998	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	282006	100.276	ug/L	99
69) Naphthalene	13.52	128	692088	90.888	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	277460	100.151	ug/L	99

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

