

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102220\
 Data File : VV019067.D
 Acq On : 22 Oct 2020 13:08
 Operator : SY/MD
 Sample : VSTD10064
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10064

Quant Time: Oct 22 13:29:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 13:09:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	321683	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	313879	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	167858	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	282088	103.27	ug/L	0.00
7) Chloroethane-d5	1.58	69	227820	105.31	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	533168	103.68	ug/L	0.00
21) 2-Butanone-d5	3.91	46	409555	218.32	ug/L	0.00
24) Chloroform-d	4.37	84	497389	102.15	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.05	65	338222	104.44	ug/L	0.00
32) Benzene-d6	5.07	84	960517	103.00	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	308250	103.35	ug/L	0.00
41) Toluene-d8	7.34	98	880193	105.30	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	164564	111.95	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	298246	260.54	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.23	84	410330	114.91	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	345486	99.65	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	240592	86.389 ug/L	99
3) Chloromethane	1.25	50	301650	95.185 ug/L	99
5) Vinyl chloride	1.32	62	297117	96.632 ug/L	99
6) Bromomethane	1.53	94	174914	94.414 ug/L	99
8) Chloroethane	1.60	64	185885	100.033 ug/L	99
9) Trichlorofluoromethane	1.77	101	390252	95.604 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	206323	96.974 ug/L	99
12) 1,1-Dichloroethene	2.13	96	208914	97.449 ug/L	93
13) Acetone	2.20	43	255124	188.249 ug/L	99
14) Carbon disulfide	2.31	76	687781	94.715 ug/L	100
15) Methyl Acetate	2.45	43	282345	100.897 ug/L	99
16) Methylene chloride	2.52	84	239396	93.661 ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	226067	96.221 ug/L	98
18) Methyl tert-butyl Ether	2.78	73	750296	100.493 ug/L	99
19) 1,1-Dichloroethane	3.21	63	445287	96.677 ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	243528	97.929 ug/L	100
22) 2-Butanone	4.00	43	383613	209.095 ug/L	95
23) Bromochloromethane	4.27	128	122206	94.905 ug/L	98
25) Chloroform	4.40	83	439416	95.426 ug/L	99
27) 1,2-Dichloroethane	5.15	62	376950	99.659 ug/L	99
29) Cyclohexane	4.70	56	393630	103.396 ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	388374	98.598 ug/L	99
31) Carbon tetrachloride	4.86	117	335606	99.816 ug/L	99
33) Benzene	5.13	78	960258	99.019 ug/L	100
34) Trichloroethene	5.94	95	239997	87.617 ug/L	99
35) Methylcyclohexane	6.15	83	343980	100.227 ug/L	99
37) 1,2-Dichloropropane	6.20	63	261204	100.805 ug/L	99
38) Bromodichloromethane	6.53	83	332691	99.952 ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	407038	103.944 ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	767025	214.504 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	1012023	101.545	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	411336	108.637	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	230230	95.974	ug/L	99
46) Tetrachloroethene	8.00	164	182200	92.785	ug/L	98
48) 2-Hexanone	8.16	43	594619	210.465	ug/L	99
49) Dibromochloromethane	8.27	129	261783	102.382	ug/L	98
50) 1,2-Dibromoethane	8.37	107	245924	98.476	ug/L	97
51) Chlorobenzene	8.90	112	629792	96.956	ug/L	99
52) Ethylbenzene	9.03	91	1112139	103.010	ug/L	100
53) m,p-Xylene	9.16	106	410174	101.859	ug/L	97
54) o-xylene	9.56	106	399624	103.887	ug/L	97
55) Styrene	9.58	104	722966	106.670	ug/L	99
56) Isopropylbenzene	9.95	105	1051038	103.935	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	380574	112.770	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	310173	99.036	ug/L	100
61) Bromoform	9.75	173	192561	103.807	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	504444	96.505	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	521269	95.088	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	504495	96.023	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	91614	112.865	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	346932	99.058	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	340450	105.137	ug/L	99
69) Naphthalene	13.52	128	1128818	120.411	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	338569	104.599	ug/L	99

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

