

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101420\
 Data File : VV018894.D
 Acq On : 14 Oct 2020 14:22
 Operator : SY/MD
 Sample : VSTD10004
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10004

Quant Time: Oct 14 14:45:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 14 14:19:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	370238	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	364324	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	194086	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	294039	127.13	ug/L	0.00
7) Chloroethane-d5	1.58	69	230977	121.66	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	548090	118.26	ug/L	0.00
21) 2-Butanone-d5	3.91	46	434402	254.14	ug/L	0.00
24) Chloroform-d	4.37	84	532836	111.05	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.05	65	355025	115.01	ug/L	0.00
32) Benzene-d6	5.07	84	1051720	111.63	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	336132	116.53	ug/L	0.00
41) Toluene-d8	7.34	98	974908	110.87	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	177481	116.05	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	299799	272.78	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.23	84	425924	114.13	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	390803	104.29	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	282623	108.553	ug/L	99
3) Chloromethane	1.25	50	339129	119.244	ug/L	99
5) Vinyl chloride	1.32	62	326195	111.537	ug/L	100
6) Bromomethane	1.53	94	202081	103.652	ug/L	98
8) Chloroethane	1.60	64	199363	110.829	ug/L	100
9) Trichlorofluoromethane	1.76	101	416327	97.294	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	214701	90.117	ug/L	99
12) 1,1-Dichloroethene	2.13	96	227576	98.304	ug/L	99
13) Acetone	2.20	43	283865	200.290	ug/L	98
14) Carbon disulfide	2.31	76	768241	101.932	ug/L	100
15) Methyl Acetate	2.45	43	312992	112.417	ug/L	100
16) Methylene chloride	2.52	84	278002	100.298	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	256888	97.665	ug/L	97
18) Methyl tert-butyl Ether	2.78	73	853133	105.453	ug/L	100
19) 1,1-Dichloroethane	3.21	63	505099	107.480	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	283315	101.683	ug/L	100
22) 2-Butanone	3.99	43	439629	243.089	ug/L	98
23) Bromochloromethane	4.27	128	143656	94.819	ug/L	97
25) Chloroform	4.40	83	504446	102.533	ug/L	100
27) 1,2-Dichloroethane	5.15	62	415004	107.404	ug/L	99
29) Cyclohexane	4.70	56	415591	100.477	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	429484	96.061	ug/L	99
31) Carbon tetrachloride	4.85	117	363998	91.689	ug/L	99
33) Benzene	5.13	78	1092035	101.832	ug/L	100
34) Trichloroethene	5.94	95	287352	92.933	ug/L	99
35) Methylcyclohexane	6.15	83	360434	88.653	ug/L	99
37) 1,2-Dichloropropane	6.20	63	294981	105.986	ug/L	99
38) Bromodichloromethane	6.53	83	377754	102.861	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	472637	110.393	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	864203	236.940	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	1145857	99.467	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	464496	109.643	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	268830	99.423	ug/L	99
46) Tetrachloroethene	8.00	164	208142	85.207	ug/L	99
48) 2-Hexanone	8.16	43	683002	239.281	ug/L	99
49) Dibromochloromethane	8.27	129	300599	98.566	ug/L	99
50) 1,2-Dibromoethane	8.37	107	285511	99.976	ug/L	100
51) Chlorobenzene	8.90	112	718548	93.412	ug/L	99
52) Ethylbenzene	9.03	91	1249199	97.690	ug/L	99
53) m,p-Xylene	9.16	106	470550	96.053	ug/L	98
54) o-xylene	9.56	106	457100	98.349	ug/L	99
55) Styrene	9.58	104	825379	101.782	ug/L	97
56) Isopropylbenzene	9.95	105	1176852	94.819	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	398859	105.403	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	354330	105.335	ug/L	100
61) Bromoform	9.75	173	222549	101.397	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	580060	93.892	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	597773	93.547	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	592446	96.230	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	94542	111.260	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	397125	93.347	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	383978	97.343	ug/L	100
69) Naphthalene	13.52	128	1235004	109.254	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	386151	97.039	ug/L	100

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

