

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111220\
 Data File : VV019346.D
 Acq On : 12 Nov 2020 11:46
 Operator : SY/MD
 Sample : VSTD01064
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01064

Manual Integrations
 APPROVED

MMDadoda
 11/16/2020 2:26:57 PM

Quant Time: Nov 12 12:42:02 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	197897	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	195113	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	115781	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	14658	9.43	ug/L	0.00
7) Chloroethane-d5	1.58	69	11802	9.63	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	30626	10.17	ug/L	0.00
21) 2-Butanone-d5	3.93	46	14274m	15.43	ug/L	0.01
24) Chloroform-d	4.38	84	28075	9.60	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	19264	9.46	ug/L	0.00
32) Benzene-d6	5.08	84	49129	9.01	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	13742	8.53	ug/L	0.00
41) Toluene-d8	7.34	98	47186	8.97	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	8393	8.92	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	7944	11.66	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.23	84	17581	8.07	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	21254	8.89	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	15276	8.838 ug/L	100
3) Chloromethane	1.25	50	14084	8.876 ug/L	100
5) Vinyl chloride	1.32	62	15274	9.391 ug/L	98
6) Bromomethane	1.53	94	10694	9.630 ug/L	98
8) Chloroethane	1.60	64	9633	9.450 ug/L	99
9) Trichlorofluoromethane	1.77	101	26700	9.689 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	12151	9.251 ug/L	98
12) 1,1-Dichloroethene	2.13	96	12653	9.770 ug/L #	80
13) Acetone	2.20	43	12803	14.817 ug/L	97
14) Carbon disulfide	2.31	76	34941	8.712 ug/L	97
15) Methyl Acetate	2.46	43	10561	7.565 ug/L	97
16) Methylene chloride	2.52	84	13233	9.157 ug/L	94
17) trans-1,2-Dichloroethene	2.78	96	12440	9.114 ug/L	94
18) Methyl tert-butyl Ether	2.78	73	38122	8.361 ug/L	99
19) 1,1-Dichloroethane	3.21	63	21277	8.481 ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	12812	8.587 ug/L	92
22) 2-Butanone	4.01	43	12464	13.324 ug/L #	72
23) Bromochloromethane	4.29	128	7446	9.133 ug/L	94
25) Chloroform	4.40	83	24932	9.041 ug/L	98
27) 1,2-Dichloroethane	5.16	62	20878	8.851 ug/L #	90
29) Cyclohexane	4.70	56	14603	6.971 ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	24407	9.194 ug/L	99
31) Carbon tetrachloride	4.86	117	21906	9.263 ug/L	100
33) Benzene	5.13	78	45017	8.077 ug/L	100
34) Trichloroethene	5.94	95	14285	9.240 ug/L	98
35) Methylcyclohexane	6.15	83	15946	7.831 ug/L	95
37) 1,2-Dichloropropane	6.20	63	11371	8.275 ug/L #	93
38) Bromodichloromethane	6.53	83	17894	8.585 ug/L #	97
39) cis-1,3-Dichloropropene	7.05	75	16916	7.373 ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	26417	14.196 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	50460	8.254	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	19180	7.992	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	12199	8.672	ug/L	98
46) Tetrachloroethene	8.00	164	12505	9.416	ug/L	95
48) 2-Hexanone	8.16	43	20434	13.741	ug/L	98
49) Dibromochloromethane	8.27	129	15243	8.860	ug/L	98
50) 1,2-Dibromoethane	8.38	107	13191	8.771	ug/L	97
51) Chlorobenzene	8.90	112	36479	9.023	ug/L	98
52) Ethylbenzene	9.04	91	55593	8.215	ug/L	100
53) m,p-Xylene	9.16	106	21527	8.428	ug/L	92
54) o-xylene	9.57	106	20787	8.432	ug/L	97
55) Styrene	9.58	104	36137	8.286	ug/L	99
56) Isopropylbenzene	9.95	105	53361	8.079	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.26	83	16001	7.618	ug/L	96
59) 1,2,3-Trichloropropane	10.30	75	15220	8.368	ug/L	98
61) Bromoform	9.75	173	12229	8.560	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	30339	8.395	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	32112	8.570	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	31074	8.643	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	4035	6.700	ug/L	94
67) 1,3,5-Trichlorobenzene	12.67	180	22840	8.551	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	18815	7.560	ug/L	98
69) Naphthalene	13.53	128	40866	6.065	ug/L	98
70) 1,2,3-Trichlorobenzene	13.77	180	19511	7.959	ug/L	99

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

