

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112320\
 Data File : VV019418.D
 Acq On : 23 Nov 2020 12:47
 Operator : SY/MD
 Sample : VSTD01065
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01065

Quant Time: Nov 23 14:02:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 23 14:01:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	357507	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	371985	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	199531	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	36314	13.48	ug/L	0.00
7) Chloroethane-d5	1.58	69	29542	13.49	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	64378	11.61	ug/L	0.00
21) 2-Butanone-d5	3.91	46	41204	29.65	ug/L	0.01
24) Chloroform-d	4.38	84	57773	11.21	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	38526	10.84	ug/L	0.00
32) Benzene-d6	5.07	84	106334	11.08	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	35763	13.43	ug/L	0.00
41) Toluene-d8	7.34	98	92957	9.91	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	16033	9.43	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	21241	21.27	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	43749	12.03	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	37269	9.78	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	31480	10.501 ug/L	97
3) Chloromethane	1.25	50	40050	14.952 ug/L	97
5) Vinyl chloride	1.32	62	38752	13.421 ug/L	99
6) Bromomethane	1.53	94	24526	11.879 ug/L	95
8) Chloroethane	1.59	64	24492	13.451 ug/L	99
9) Trichlorofluoromethane	1.76	101	49183	9.495 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	26851	11.374 ug/L	98
12) 1,1-Dichloroethene	2.13	96	26930	11.176 ug/L	93
13) Acetone	2.17	43	35073	29.631 ug/L	99
14) Carbon disulfide	2.31	76	77956	11.700 ug/L	100
15) Methyl Acetate	2.44	43	33609	16.819 ug/L	97
16) Methylene chloride	2.52	84	31864	13.169 ug/L	100
17) trans-1,2-Dichloroethene	2.78	96	26066	11.246 ug/L	98
18) Methyl tert-butyl Ether	2.78	73	78188	10.500 ug/L	98
19) 1,1-Dichloroethane	3.21	63	54795	13.634 ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	27236	11.100 ug/L	94
22) 2-Butanone	3.99	43	40791	30.053 ug/L	95
23) Bromochloromethane	4.28	128	15398	10.882 ug/L	96
25) Chloroform	4.40	83	55994	11.979 ug/L	99
27) 1,2-Dichloroethane	5.16	62	41610	10.508 ug/L	100
29) Cyclohexane	4.70	56	35754	11.121 ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	45826	9.378 ug/L	99
31) Carbon tetrachloride	4.85	117	39498	8.976 ug/L	99
33) Benzene	5.13	78	110684	11.795 ug/L	100
34) Trichloroethene	5.94	95	32951	11.643 ug/L	97
35) Methylcyclohexane	6.15	83	33125	9.471 ug/L	96
37) 1,2-Dichloropropane	6.20	63	30048	13.175 ug/L	97
38) Bromodichloromethane	6.53	83	40558	10.940 ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	40060	10.245 ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	78516	27.284 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	112938	10.699	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	40851	9.809	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	28817	11.649	ug/L	98
46) Tetrachloroethene	8.00	164	21910	8.789	ug/L	98
48) 2-Hexanone	8.16	43	63860	28.316	ug/L	99
49) Dibromochloromethane	8.27	129	30683	9.665	ug/L	98
50) 1,2-Dibromoethane	8.37	107	30449	11.250	ug/L	98
51) Chlorobenzene	8.90	112	76570	10.548	ug/L	99
52) Ethylbenzene	9.03	91	113275	9.596	ug/L	98
53) m,p-Xylene	9.16	106	42523	9.302	ug/L	93
54) o-xylene	9.56	106	39364	8.905	ug/L	97
55) Styrene	9.58	104	71163	9.103	ug/L	98
56) Isopropylbenzene	9.95	105	105500	8.888	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.26	83	41162	12.177	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	40982	13.158	ug/L	99
61) Bromoform	9.75	173	22162	9.756	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	57091	10.184	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	62257	10.616	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	59782	10.540	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	9126	11.139	ug/L	93
67) 1,3,5-Trichlorobenzene	12.67	180	40570	9.440	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	32866	8.501	ug/L	97
69) Naphthalene	13.53	128	70276	7.697	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	35956	9.243	ug/L	96

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

