

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081120\
 Data File : VV017912.D
 Acq On : 11 Aug 2020 16:35
 Operator : SY/MD
 Sample : VSTD01064
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01064

Quant Time: Aug 11 19:47:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 19:45:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	270341	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	257889	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	125477	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	21209	13.86	ug/L	0.00
7) Chloroethane-d5	1.58	69	17024	13.18	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	39603	11.38	ug/L	0.00
21) 2-Butanone-d5	3.92	46	25017	25.36	ug/L	0.00
24) Chloroform-d	4.37	84	36868	9.98	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	24199	9.24	ug/L	0.00
32) Benzene-d6	5.07	84	70633	11.33	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	23007	13.58	ug/L	0.00
41) Toluene-d8	7.34	98	61623	10.10	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	9377	9.45	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	12173	20.31	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	28794	11.47	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	24702	9.73	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	22234	10.476	ug/L 98
3) Chloromethane	1.25	50	24652	15.659	ug/L 97
5) Vinyl chloride	1.32	62	24232	13.851	ug/L 95
6) Bromomethane	1.53	94	14121	12.262	ug/L 93
8) Chloroethane	1.59	64	15166	13.732	ug/L 100
9) Trichlorofluoromethane	1.76	101	34516	9.062	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	19492	11.048	ug/L 97
12) 1,1-Dichloroethene	2.13	96	18043	10.943	ug/L 96
13) Acetone	2.19	43	31529	25.709	ug/L 97
14) Carbon disulfide	2.31	76	47802	12.176	ug/L 100
15) Methyl Acetate	2.45	43	21974	14.968	ug/L 99
16) Methylene chloride	2.52	84	24327	13.566	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	18174	10.765	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	58117	10.121	ug/L 99
19) 1,1-Dichloroethane	3.21	63	36912	12.736	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	19330	10.615	ug/L 97
22) 2-Butanone	4.01	43	30580	26.824	ug/L 98
23) Bromochloromethane	4.27	128	10231	9.666	ug/L 98
25) Chloroform	4.40	83	37832	10.714	ug/L 98
27) 1,2-Dichloroethane	5.15	62	28697	9.179	ug/L 98
29) Cyclohexane	4.70	56	29653	12.982	ug/L 98
30) 1,1,1-Trichloroethane	4.63	97	31944	9.028	ug/L 98
31) Carbon tetrachloride	4.85	117	25269	8.111	ug/L 97
33) Benzene	5.12	78	78253	11.993	ug/L 100
34) Trichloroethene	5.94	95	21266	11.229	ug/L 97
35) Methylcyclohexane	6.15	83	30644	11.267	ug/L 98
37) 1,2-Dichloropropane	6.20	63	20479	13.477	ug/L 99
38) Bromodichloromethane	6.53	83	25499	10.259	ug/L 99
39) cis-1,3-Dichloropropene	7.05	75	26160	10.595	ug/L 96
40) 4-Methyl-2-pentanone	7.25	43	53587	26.763	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	79605	10.743	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	25360	10.061	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	19746	11.188	ug/L	99
46) Tetrachloroethene	8.00	164	15421	9.104	ug/L	93
48) 2-Hexanone	8.16	43	45656	27.314	ug/L	98
49) Dibromochloromethane	8.27	129	17451	9.220	ug/L	99
50) 1,2-Dibromoethane	8.38	107	20102	10.527	ug/L	92
51) Chlorobenzene	8.90	112	51926	10.327	ug/L	99
52) Ethylbenzene	9.03	91	84571	10.100	ug/L	99
53) m,p-Xylene	9.16	106	30752	9.513	ug/L	96
54) o-xylene	9.56	106	29873	9.410	ug/L	97
55) Styrene	9.58	104	50172	9.163	ug/L	95
56) Isopropylbenzene	9.95	105	81207	9.351	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	29477	11.964	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	26006	11.791	ug/L	98
61) Bromoform	9.75	173	9949	8.913	ug/L #	98
62) 1,3-Dichlorobenzene	11.20	146	39160	10.158	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	40404	10.287	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	40228	10.157	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	5455	10.086	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	28837	9.339	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	24346	8.992	ug/L	97
69) Naphthalene	13.53	128	61232	8.561	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	25414	9.233	ug/L	99

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

