

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120720\
 Data File : VV019487.D
 Acq On : 07 Dec 2020 12:30
 Operator : SY/MD
 Sample : VSTD01066
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01066

Quant Time: Dec 07 13:36:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 07 13:33:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	338363	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	328814	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	159800	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21717	6.82	ug/L	0.00
7) Chloroethane-d5	1.58	69	21262	8.14	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	49348	8.45	ug/L	0.00
21) 2-Butanone-d5	3.92	46	30303	15.31	ug/L	0.02
24) Chloroform-d	4.38	84	49163	9.13	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	33962	9.57	ug/L	0.00
32) Benzene-d6	5.07	84	90225	9.33	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	30851	9.55	ug/L	0.00
41) Toluene-d8	7.34	98	77309	8.98	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	14488	9.35	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	13011	10.81	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.23	84	34742	8.42	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	28759	9.36	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	15484	6.169 ug/L	97
3) Chloromethane	1.25	50	16865	5.117 ug/L	98
5) Vinyl chloride	1.32	62	20379	6.232 ug/L	99
6) Bromomethane	1.53	94	15854	7.417 ug/L	99
8) Chloroethane	1.60	64	16166	7.659 ug/L	95
9) Trichlorofluoromethane	1.77	101	33915	8.045 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	20062	8.730 ug/L	98
12) 1,1-Dichloroethene	2.13	96	18314	7.802 ug/L	94
13) Acetone	2.18	43	41399	24.971 ug/L	98
14) Carbon disulfide	2.31	76	49302	7.319 ug/L	99
15) Methyl Acetate	2.45	43	30528	9.499 ug/L	96
16) Methylene chloride	2.52	84	25349	9.027 ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	20396	8.584 ug/L	97
18) Methyl tert-butyl Ether	2.78	73	73364	9.420 ug/L	99
19) 1,1-Dichloroethane	3.21	63	48474	9.688 ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	23012	8.730 ug/L	92
22) 2-Butanone	3.99	43	44664	20.804 ug/L	90
23) Bromochloromethane	4.28	128	12033	8.679 ug/L	97
25) Chloroform	4.40	83	48027	9.559 ug/L	99
27) 1,2-Dichloroethane	5.15	62	39015	9.810 ug/L	100
29) Cyclohexane	4.70	56	30611	8.887 ug/L	97
30) 1,1,1-Trichloroethane	4.63	97	39962	10.038 ug/L	100
31) Carbon tetrachloride	4.85	117	32516	9.582 ug/L	99
33) Benzene	5.13	78	92304	9.447 ug/L	100
34) Trichloroethene	5.94	95	27720	10.172 ug/L	96
35) Methylcyclohexane	6.15	83	28819	8.972 ug/L	97
37) 1,2-Dichloropropane	6.20	63	27378	9.953 ug/L	98
38) Bromodichloromethane	6.53	83	34783	9.597 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	35801	8.927 ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	74751	19.102 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	91416	9.074	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	36330	9.106	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	25402	10.026	ug/L	96
46) Tetrachloroethene	7.99	164	16067	8.698	ug/L	97
48) 2-Hexanone	8.16	43	61311	19.758	ug/L	96
49) Dibromochloromethane	8.27	129	25209	9.106	ug/L	100
50) 1,2-Dibromoethane	8.37	107	24478	9.210	ug/L #	100
51) Chlorobenzene	8.90	112	61471	9.262	ug/L	98
52) Ethylbenzene	9.03	91	94965	8.758	ug/L	98
53) m,p-Xylene	9.16	106	34198	8.605	ug/L	93
54) o-xylene	9.56	106	31695	8.195	ug/L	96
55) Styrene	9.58	104	55002	7.926	ug/L	99
56) Isopropylbenzene	9.95	105	87470	8.551	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	34965	8.986	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	34438	9.680	ug/L	99
61) Bromoform	9.75	173	16986	9.312	ug/L #	97
62) 1,3-Dichlorobenzene	11.20	146	45347	9.764	ug/L	97
63) 1,4-Dichlorobenzene	11.29	146	47533	9.749	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	46291	9.687	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	8319	9.815	ug/L	95
67) 1,3,5-Trichlorobenzene	12.67	180	32115	9.430	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	24997	8.313	ug/L	98
69) Naphthalene	13.52	128	53030	6.931	ug/L	98
70) 1,2,3-Trichlorobenzene	13.77	180	26329	8.399	ug/L	99

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

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