

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120720\
 Data File : VV019489.D
 Acq On : 07 Dec 2020 13:20
 Operator : SY/MD
 Sample : VSTD10062
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10062

Quant Time: Dec 07 13:42:19 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	331892	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	321178	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	163485	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	202308	64.78	ug/L	0.00
7) Chloroethane-d5	1.57	69	191857	74.84	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	488074	85.25	ug/L	0.00
21) 2-Butanone-d5	3.89	46	344693	177.56	ug/L	0.00
24) Chloroform-d	4.37	84	494036	93.53	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.05	65	333788	95.89	ug/L	0.00
32) Benzene-d6	5.07	84	950679	100.60	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	320091	101.48	ug/L	0.00
41) Toluene-d8	7.33	98	845014	100.51	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	160881	106.26	ug/L	0.00
47) 2-Hexanone-d5	8.10	63	229445	195.21	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.23	84	400087	99.28	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.64	152	308477	98.11	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	141844	57.614	ug/L	100
3) Chloromethane	1.25	50	161051	49.820	ug/L	98
5) Vinyl chloride	1.32	62	192257	59.942	ug/L	100
6) Bromomethane	1.52	94	166672	79.494	ug/L	99
8) Chloroethane	1.59	64	150349	72.621	ug/L	99
9) Trichlorofluoromethane	1.76	101	318400	77.002	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	187110	83.008	ug/L	100
12) 1,1-Dichloroethene	2.13	96	178858	77.679	ug/L	96
13) Acetone	2.17	43	334975	205.986	ug/L	99
14) Carbon disulfide	2.31	76	480689	72.753	ug/L	99
15) Methyl Acetate	2.44	43	319857	101.468	ug/L	100
16) Methylene chloride	2.52	84	241397	87.641	ug/L	100
17) trans-1,2-Dichloroethene	2.78	96	204581	87.782	ug/L	98
18) Methyl tert-butyl Ether	2.78	73	789884	103.403	ug/L	99
19) 1,1-Dichloroethane	3.21	63	481776	98.163	ug/L	99
20) cis-1,2-Dichloroethene	3.93	96	244562	94.585	ug/L	97
22) 2-Butanone	3.97	43	496632	235.836	ug/L	100
23) Bromochloromethane	4.27	128	120180	88.367	ug/L	98
25) Chloroform	4.40	83	475138	96.417	ug/L	99
27) 1,2-Dichloroethane	5.15	62	390321	100.052	ug/L	98
29) Cyclohexane	4.70	56	359372	106.819	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	396046	101.845	ug/L	100
31) Carbon tetrachloride	4.85	117	323398	97.565	ug/L	99
33) Benzene	5.12	78	956979	100.275	ug/L	100
34) Trichloroethene	5.93	95	249318	93.662	ug/L	99
35) Methylcyclohexane	6.15	83	321469	102.462	ug/L	99
37) 1,2-Dichloropropane	6.19	63	288094	107.222	ug/L	100
38) Bromodichloromethane	6.53	83	371450	104.928	ug/L	97
39) cis-1,3-Dichloropropene	7.04	75	424273	108.310	ug/L	97
40) 4-Methyl-2-pentanone	7.24	43	914288	239.199	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	990282	100.631	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	427612	109.733	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	251596	101.667	ug/L	98
46) Tetrachloroethene	7.99	164	157317	87.185	ug/L	97
48) 2-Hexanone	8.15	43	710763	234.490	ug/L	99
49) Dibromochloromethane	8.26	129	267676	98.993	ug/L	99
50) 1,2-Dibromoethane	8.37	107	251231	96.777	ug/L	99
51) Chlorobenzene	8.90	112	611802	94.376	ug/L	100
52) Ethylbenzene	9.03	91	1101200	103.966	ug/L	100
53) m,p-Xylene	9.15	106	387910	99.931	ug/L	98
54) o-xylene	9.56	106	384614	101.808	ug/L	99
55) Styrene	9.58	104	702627	103.658	ug/L	99
56) Isopropylbenzene	9.95	105	1052839	105.373	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	411852	108.360	ug/L	97
59) 1,2,3-Trichloropropane	10.29	75	350967	101.000	ug/L	100
61) Bromoform	9.75	173	194581	104.271	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	488137	102.731	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	495279	99.289	ug/L	98
65) 1,2-Dichlorobenzene	11.66	146	502015	102.689	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	108296	124.895	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	375819	107.865	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	357724	116.280	ug/L	100
69) Naphthalene	13.52	128	1016734	129.883	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	359159	111.986	ug/L	99

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

