

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092320\
 Data File : VV018405.D
 Acq On : 23 Sep 2020 11:04
 Operator : SY/MD
 Sample : VSTD05061
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050303

Quant Time: Sep 24 07:19:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM092320W.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 24 07:11:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	289950	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	286291	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	159085	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	92461	50.00	ug/L	0.00
7) Chloroethane-d5	1.58	69	79433	50.00	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	191682	50.00	ug/L	0.00
21) 2-Butanone-d5	3.92	46	136564	100.00	ug/L	0.00
24) Chloroform-d	4.38	84	193497	50.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	123663	50.00	ug/L	0.00
32) Benzene-d6	5.07	84	376654	50.00	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	119834	50.00	ug/L	0.00
41) Toluene-d8	7.33	98	353724	50.00	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	61741	50.00	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	96498	100.00	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.24	84	156129	50.00	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.65	152	151648	50.00	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	105907	50.000	ug/L	100
3) Chloromethane	1.25	50	116606	50.000	ug/L	100
5) Vinyl chloride	1.32	62	119947	50.000	ug/L	100
6) Bromomethane	1.53	94	75396	50.000	ug/L	100
8) Chloroethane	1.60	64	75744	50.000	ug/L	100
9) Trichlorofluoromethane	1.77	101	171584	50.000	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	105176	50.000	ug/L	100
12) 1,1-Dichloroethene	2.13	96	99285	50.000	ug/L	100
13) Acetone	2.20	43	164710	100.000	ug/L	100
14) Carbon disulfide	2.31	76	284462	50.000	ug/L	100
15) Methyl Acetate	2.45	43	105576	50.000	ug/L	100
16) Methylene chloride	2.52	84	109201	50.000	ug/L	100
17) trans-1,2-Dichloroethene	2.78	96	102393	50.000	ug/L	100
18) Methyl tert-butyl Ether	2.78	73	314720	50.000	ug/L	100
19) 1,1-Dichloroethane	3.21	63	194878	50.000	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	110257	50.000	ug/L	100
22) 2-Butanone	4.00	43	176322	100.000	ug/L	100
23) Bromochloromethane	4.27	128	58380	50.000	ug/L	100
25) Chloroform	4.40	83	198379	50.000	ug/L	100
27) 1,2-Dichloroethane	5.15	62	153435	50.000	ug/L	100
29) Cyclohexane	4.70	56	174155	50.000	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	174974	50.000	ug/L	100
31) Carbon tetrachloride	4.86	117	152165	50.000	ug/L	100
33) Benzene	5.12	78	429394	50.000	ug/L	100
34) Trichloroethene	5.94	95	114520	50.000	ug/L	100
35) Methylcyclohexane	6.15	83	180779	50.000	ug/L	100
37) 1,2-Dichloropropane	6.20	63	116051	50.000	ug/L	100
38) Bromodichloromethane	6.53	83	146612	50.000	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	175815	50.000	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	277041	100.000	ug/L	100

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42) Toluene	7.41	91	464817	50.000	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	173731	50.000	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	106548	50.000	ug/L	100
46) Tetrachloroethene	8.00	164	92833	50.000	ug/L	100
48) 2-Hexanone	8.16	43	239503	100.000	ug/L	100
49) Dibromochloromethane	8.27	129	119333	50.000	ug/L	100
50) 1,2-Dibromoethane	8.37	107	111223	50.000	ug/L	100
51) Chlorobenzene	8.90	112	298862	50.000	ug/L	100
52) Ethylbenzene	9.03	91	510379	50.000	ug/L	100
53) m,p-Xylene	9.16	106	193171	50.000	ug/L	100
54) o-Xylene	9.56	106	185310	50.000	ug/L	100
55) Styrene	9.58	104	331442	50.000	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.26	83	157706	50.000	ug/L	100
59) Bromoform	9.75	173	87351	50.000	ug/L	100
60) Isopropylbenzene	9.95	105	508154	50.000	ug/L	100
61) 1,2,3-Trichloropropane	10.29	75	133658	50.000	ug/L	100
62) 1,3,5-Trimethylbenzene	10.56	105	425535	50.000	ug/L	100
63) 1,2,4-Trimethylbenzene	10.94	105	438029	50.000	ug/L	100
64) 1,3-Dichlorobenzene	11.20	146	250180	50.000	ug/L	100
65) 1,4-Dichlorobenzene	11.29	146	257195	50.000	ug/L	100
67) 1,2-Dichlorobenzene	11.67	146	249033	50.000	ug/L	100
68) 1,2-Dibromo-3-chloropropan	12.45	75	34673	50.000	ug/L	100
69) 1,3,5-Trichlorobenzene	12.67	180	197437	50.000	ug/L	100
70) 1,2,4-trichlorobenzene	13.28	180	181041	50.000	ug/L	100
71) Naphthalene	13.52	128	487149	50.000	ug/L	100
72) 1,2,3-Trichlorobenzene	13.77	180	180539	50.000	ug/L	100

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

