

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101119\
 Data File : VV013108.D
 Acq On : 11 Oct 2019 17:54
 Operator : SY/MD
 Sample : VSTD05066
 Misc : 5.00ML/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05066

Quant Time: Oct 12 00:36:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 12 00:32:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	764646	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	716411	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	348883	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	260003	57.43	ug/L	0.00
7) Chloroethane-d5	1.58	69	214389	53.81	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	476728	54.87	ug/L	0.00
21) 2-Butanone-d5	3.93	46	394733	88.70	ug/L	0.00
24) Chloroform-d	4.40	84	499480	46.78	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	308929	47.44	ug/L	0.00
32) Benzene-d6	5.10	84	1046570	53.34	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	326773	48.15	ug/L	0.00
41) Toluene-d8	7.36	98	942389	53.06	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	145950	51.08	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	266579	101.78	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	422002	48.59	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	363668	45.97	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	293818	55.744	ug/L	100
3) Chloromethane	1.25	50	335839	59.467	ug/L	100
5) Vinyl chloride	1.33	62	324401	58.106	ug/L	100
6) Bromomethane	1.53	94	149052	50.031	ug/L	100
8) Chloroethane	1.60	64	195976	56.823	ug/L	100
9) Trichlorofluoromethane	1.77	101	419009	54.620	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	248720	53.063	ug/L	100
12) 1,1-Dichloroethene	2.14	96	238721	57.076	ug/L	100
13) Acetone	2.19	43	329990	91.555	ug/L	100
14) Carbon disulfide	2.32	76	681397	69.624	ug/L	100
15) Methyl Acetate	2.46	43	297329	49.979	ug/L	100
16) Methylene chloride	2.54	84	281413	52.311	ug/L	100
17) trans-1,2-Dichloroethene	2.79	96	261664	56.994	ug/L	100
18) Methyl tert-butyl Ether	2.80	73	778980	50.788	ug/L	100
19) 1,1-Dichloroethane	3.23	63	490182	50.969	ug/L	100
20) cis-1,2-Dichloroethene	3.96	96	292783	52.684	ug/L	100
22) 2-Butanone	4.01	43	452687	99.398	ug/L	100
23) Bromochloromethane	4.30	128	148102	52.628	ug/L	100
25) Chloroform	4.42	83	490203	49.016	ug/L	100
27) 1,2-Dichloroethane	5.18	62	382647	50.745	ug/L	100
29) Cyclohexane	4.73	56	450231	62.318	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	403752	52.843	ug/L	100
31) Carbon tetrachloride	4.88	117	358817	54.157	ug/L	100
33) Benzene	5.15	78	1126156	55.993	ug/L	100
34) Trichloroethene	5.96	95	290918	50.795	ug/L	100
35) Methylcyclohexane	6.18	83	459762	61.255	ug/L	100
37) 1,2-Dichloropropane	6.22	63	290861	51.266	ug/L	100
38) Bromodichloromethane	6.55	83	366644	50.406	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	439694	54.676	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	781045	100.676	ug/L	100

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42) Toluene	7.43	91	1187566	57.070	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	377061	53.480	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	274918	49.928	ug/L	100
46) Tetrachloroethene	8.02	164	233608	57.161	ug/L	100
48) 2-Hexanone	8.18	43	608143	98.131	ug/L	100
49) Dibromochloromethane	8.29	129	299812	51.761	ug/L	100
50) 1,2-Dibromoethane	8.39	107	284948	52.984	ug/L	100
51) Chlorobenzene	8.92	112	745773	52.816	ug/L	100
52) Ethylbenzene	9.05	91	1269001	55.846	ug/L	100
53) m,p-Xylene	9.18	106	484650	57.604	ug/L	100
54) o-xylene	9.59	106	480177	56.509	ug/L	100
55) Styrene	9.60	104	802636	56.260	ug/L	100
56) Isopropylbenzene	9.97	105	1243832	56.056	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	403931	53.011	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	351835	49.205	ug/L	100
61) Bromoform	9.77	173	222206	51.597	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	566568	51.980	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	565904	50.732	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	574106	50.312	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	83948	53.317	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	402580	50.304	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	345628	50.842	ug/L	100
69) Naphthalene	13.55	128	1023968	52.546	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	379410	51.820	ug/L	100

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

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