

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102319\
 Data File : VV013295.D
 Acq On : 23 Oct 2019 11:02
 Operator : SY/MD
 Sample : VSTD05061
 Misc : 5.00ML/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05061

Quant Time: Oct 24 02:26:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 24 02:21:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	1287832	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	1210806	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	637379	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	417539	51.81	ug/L	0.00
7) Chloroethane-d5	1.58	69	316144	48.69	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	622027	42.51	ug/L	0.00
21) 2-Butanone-d5	3.95	46	546105	92.82	ug/L	0.00
24) Chloroform-d	4.40	84	903210	56.74	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	534938	55.04	ug/L	0.00
32) Benzene-d6	5.09	84	1876348	57.32	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	563144	55.40	ug/L	0.00
41) Toluene-d8	7.36	98	1731216	58.76	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	254697	55.17	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	342468	89.87	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	751150	56.85	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	697282	55.25	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	541383	53.203	ug/L	100
3) Chloromethane	1.25	50	413354	38.422	ug/L	100
5) Vinyl chloride	1.32	62	425044	40.731	ug/L	100
6) Bromomethane	1.53	94	213513	39.266	ug/L	100
8) Chloroethane	1.60	64	228924	37.584	ug/L	100
9) Trichlorofluoromethane	1.77	101	568648	42.234	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	332812	42.077	ug/L	100
12) 1,1-Dichloroethene	2.14	96	321470	41.944	ug/L	100
13) Acetone	2.22	43	378407	71.867	ug/L	100
14) Carbon disulfide	2.31	76	1122171	48.663	ug/L	100
15) Methyl Acetate	2.47	43	414774	43.136	ug/L	100
16) Methylene chloride	2.53	84	472475	49.754	ug/L	100
17) trans-1,2-Dichloroethene	2.79	96	438088	50.623	ug/L	100
18) Methyl tert-butyl Ether	2.80	73	1283053	49.279	ug/L	100
19) 1,1-Dichloroethane	3.23	63	799104	49.213	ug/L	100
20) cis-1,2-Dichloroethene	3.96	96	485101	49.632	ug/L	100
22) 2-Butanone	4.04	43	572520	84.522	ug/L	100
23) Bromochloromethane	4.30	128	259737	51.724	ug/L	100
25) Chloroform	4.42	83	812047	49.475	ug/L	100
27) 1,2-Dichloroethane	5.18	62	599184	48.158	ug/L	100
29) Cyclohexane	4.72	56	729252	50.733	ug/L	100
30) 1,1,1-Trichloroethane	4.65	97	696640	51.633	ug/L	100
31) Carbon tetrachloride	4.87	117	627617	52.202	ug/L	100
33) Benzene	5.14	78	1861012	50.695	ug/L	100
34) Trichloroethene	5.96	95	472878	48.530	ug/L	100
35) Methylcyclohexane	6.17	83	761995	51.510	ug/L	100
37) 1,2-Dichloropropane	6.22	63	468829	49.567	ug/L	100
38) Bromodichloromethane	6.55	83	610636	50.404	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	706777	50.563	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	1162546	95.402	ug/L	100

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42) Toluene	7.43	91	1955336	51.785	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	601540	49.713	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	451458	50.085	ug/L	100
46) Tetrachloroethene	8.02	164	422643	53.600	ug/L	100
48) 2-Hexanone	8.18	43	993487	103.518	ug/L	100
49) Dibromochloromethane	8.29	129	513314	51.811	ug/L	100
50) 1,2-Dibromoethane	8.39	107	482313	50.883	ug/L	100
51) Chlorobenzene	8.92	112	1271300	50.973	ug/L	100
52) Ethylbenzene	9.05	91	2095848	51.932	ug/L	100
53) m,p-Xylene	9.18	106	823199	53.898	ug/L	100
54) o-xylene	9.58	106	792905	52.127	ug/L	100
55) Styrene	9.60	104	1380865	54.796	ug/L	100
56) Isopropylbenzene	9.97	105	2061131	52.734	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	696970	52.651	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	569988	49.448	ug/L	100
61) Bromoform	9.77	173	401227	50.143	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	1026407	49.881	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	1036125	50.037	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	1037490	49.552	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	141687	47.148	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	758089	51.257	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	642225	50.765	ug/L	100
69) Naphthalene	13.55	128	1884089	54.160	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	708332	52.286	ug/L	100

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

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