

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032519\
 Data File : VV009856.D
 Acq On : 25 Mar 2019 12:35
 Operator : SY/MD
 Sample : VSTD10066
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10066

Quant Time: Mar 26 06:03:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 05:58:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	176462	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	200130	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	102074	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	179110	135.39	ug/L	0.00
7) Chloroethane-d5	1.55	69	223878	185.55	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	528135	188.74	ug/L	0.00
21) 2-Butanone-d5	3.93	46	168938	195.36	ug/L	0.00
24) Chloroform-d	4.40	84	258345	114.49	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	166917	125.67	ug/L	0.00
32) Benzene-d6	5.10	84	520641	98.38	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	159437	96.98	ug/L	0.00
41) Toluene-d8	7.36	98	527472	105.17	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	81601	103.92	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	146284	180.06	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	267514	105.66	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	225398	107.62	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	147225	98.650	ug/L 98
3) Chloromethane	1.25	50	155462	105.424	ug/L 99
5) Vinyl chloride	1.33	62	222990	133.853	ug/L 98
6) Bromomethane	1.51	94	184194	179.792	ug/L 99
8) Chloroethane	1.58	64	174800	159.271	ug/L 94
9) Trichlorofluoromethane	1.76	101	483583	191.525	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	263915	178.932	ug/L 99
12) 1,1-Dichloroethene	2.14	96	239204	170.014	ug/L 84
13) Acetone	2.19	43	168136	186.839	ug/L 98
14) Carbon disulfide	2.31	76	318529	93.374	ug/L 99
15) Methyl Acetate	2.46	43	120261	92.135	ug/L 95
16) Methylene chloride	2.53	84	130111	97.494	ug/L 98
17) trans-1,2-Dichloroethene	2.79	96	121040	98.739	ug/L 94
18) Methyl tert-butyl Ether	2.81	73	388675	108.400	ug/L 99
19) 1,1-Dichloroethane	3.23	63	231922	107.085	ug/L 98
20) cis-1,2-Dichloroethene	3.96	96	140571	103.791	ug/L 97
22) 2-Butanone	4.02	43	193829	183.422	ug/L 96
23) Bromochloromethane	4.30	128	71096	99.039	ug/L 96
25) Chloroform	4.43	83	249390	109.892	ug/L 98
27) 1,2-Dichloroethane	5.18	62	200440	121.313	ug/L 98
29) Cyclohexane	4.73	56	209401	97.022	ug/L 99
30) 1,1,1-Trichloroethane	4.66	97	208354	96.223	ug/L 97
31) Carbon tetrachloride	4.88	117	185701	97.210	ug/L 99
33) Benzene	5.15	78	541165	94.310	ug/L 100
34) Trichloroethene	5.96	95	137449	90.981	ug/L 98
35) Methylcyclohexane	6.18	83	232568	98.249	ug/L 97
37) 1,2-Dichloropropane	6.22	63	132738	90.584	ug/L # 95
38) Bromodichloromethane	6.56	83	186082	98.855	ug/L # 97
39) cis-1,3-Dichloropropene	7.07	75	229850	98.174	ug/L 96
40) 4-Methyl-2-pentanone	7.28	43	412772	203.575	ug/L 99

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42) Toluene	7.43	91	645257	102.470	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	212747	104.806	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	142860	95.033	ug/L	98
46) Tetrachloroethene	8.02	164	115069	92.040	ug/L	95
48) 2-Hexanone	8.19	43	316549	188.411	ug/L	97
49) Dibromochloromethane	8.29	129	159448	96.492	ug/L	97
50) 1,2-Dibromoethane	8.40	107	155828	94.423	ug/L	95
51) Chlorobenzene	8.93	112	426751	102.311	ug/L	97
52) Ethylbenzene	9.06	91	750529	109.275	ug/L	98
53) m,p-Xylene	9.18	106	298483	112.979	ug/L	98
54) o-xylene	9.59	106	311910	119.016	ug/L	99
55) Styrene	9.60	104	549890	124.574	ug/L	96
56) Isopropylbenzene	9.98	105	800150	118.599	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	270344	103.540	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	195326	98.442	ug/L	99
61) Bromoform	9.78	173	111234	88.606	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	335922	103.154	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	344667	101.623	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	350331	104.622	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	46535	87.109	ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	237136	95.037	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	195114	90.323	ug/L	100
69) Naphthalene	13.55	128	572146	85.198	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	200117	88.840	ug/L	97

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

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