

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031719\
 Data File : VV009730.D
 Acq On : 16 Mar 2019 15:13
 Operator : SY/MD
 Sample : VSTD05064
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05064

Quant Time: Mar 18 07:24:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 18 07:20:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	144389	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	141683	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66148	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50766	58.78	ug/L	0.00
7) Chloroethane-d5	1.56	69	39204	47.29	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	106581	48.66	ug/L	0.00
21) 2-Butanone-d5	3.93	46	64622	104.75	ug/L	0.00
24) Chloroform-d	4.40	84	93252	51.23	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	56633	47.84	ug/L	0.00
32) Benzene-d6	5.10	84	196664	53.88	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	57954	53.42	ug/L	0.00
41) Toluene-d8	7.36	98	192845	54.16	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	28382	51.22	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	49170	104.05	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	88572	51.40	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	68768	50.39	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	55412	58.083	ug/L 100
3) Chloromethane	1.25	50	49613	55.002	ug/L 100
5) Vinyl chloride	1.32	62	54881	56.957	ug/L 100
6) Bromomethane	1.51	94	28336	37.892	ug/L 100
8) Chloroethane	1.58	64	31987	45.176	ug/L 100
9) Trichlorofluoromethane	1.76	101	89612	46.372	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	50142	46.721	ug/L 100
12) 1,1-Dichloroethene	2.14	96	43463	47.290	ug/L 100
13) Acetone	2.19	43	60534	91.087	ug/L 100
14) Carbon disulfide	2.31	76	127981	53.807	ug/L 100
15) Methyl Acetate	2.46	43	45762	52.335	ug/L 100
16) Methylene chloride	2.53	84	51999	55.625	ug/L 100
17) trans-1,2-Dichloroethene	2.79	96	47332	54.067	ug/L 100
18) Methyl tert-butyl Ether	2.81	73	149231	53.559	ug/L 100
19) 1,1-Dichloroethane	3.23	63	83528	52.464	ug/L 100
20) cis-1,2-Dichloroethene	3.96	96	56191	55.353	ug/L 100
22) 2-Butanone	4.02	43	74039	102.365	ug/L 100
23) Bromochloromethane	4.30	128	27530	53.967	ug/L 100
25) Chloroform	4.43	83	91664	51.354	ug/L 100
27) 1,2-Dichloroethane	5.18	62	68051	49.409	ug/L 100
29) Cyclohexane	4.73	56	76695	54.397	ug/L 100
30) 1,1,1-Trichloroethane	4.66	97	78344	52.125	ug/L 100
31) Carbon tetrachloride	4.87	117	66508	52.617	ug/L 100
33) Benzene	5.15	78	196995	54.309	ug/L 100
34) Trichloroethene	5.96	95	52162	53.778	ug/L 100
35) Methylcyclohexane	6.18	83	86370	54.584	ug/L 100
37) 1,2-Dichloropropane	6.22	63	49700	53.562	ug/L 100
38) Bromodichloromethane	6.56	83	67286	52.089	ug/L 100
39) cis-1,3-Dichloropropene	7.07	75	77353	52.723	ug/L 100
40) 4-Methyl-2-pentanone	7.27	43	132126	106.707	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	225366	54.598	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	74004	54.289	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	53308	55.418	ug/L	100
46) Tetrachloroethene	8.02	164	42172	54.857	ug/L	100
48) 2-Hexanone	8.19	43	102069	104.629	ug/L	100
49) Dibromochloromethane	8.29	129	57220	54.132	ug/L	100
50) 1,2-Dibromoethane	8.40	107	55521	54.886	ug/L	100
51) Chlorobenzene	8.93	112	145958	52.922	ug/L	100
52) Ethylbenzene	9.06	91	250993	53.700	ug/L	100
53) m,p-Xylene	9.18	106	97174	54.231	ug/L	100
54) o-Xylene	9.59	106	97199	53.824	ug/L	100
55) Styrene	9.60	104	156674	53.796	ug/L	100
56) Isopropylbenzene	9.98	105	251366	53.554	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	88864	53.102	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	64250	51.816	ug/L	100
61) Bromoform	9.78	173	38381	50.919	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	110389	53.769	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	108069	53.363	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	112868	53.776	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	15663	50.014	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	73174	54.888	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	55232	59.116	ug/L	100
69) Naphthalene	13.55	128	148856	57.251	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	56700	58.475	ug/L	100

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

