

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103119\
 Data File : VV013448.D
 Acq On : 31 Oct 2019 15:11
 Operator : SY/MD
 Sample : VSTD02031
 Misc : 25.0ML/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02031

Quant Time: Nov 01 04:54:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR103119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 01 04:50:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	382646	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	381130	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	250419	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	539541	15.52	ug/L	0.00
7) Chloroethane-d5	1.58	69	438940	15.89	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	957943	16.72	ug/L	0.00
20) 2-Butanone-d5	3.96	46	1974722	242.64	ug/L	0.01
24) Chloroform-d	4.40	84	1295504	18.58	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	668886	18.97	ug/L	0.00
32) Benzene-d6	5.09	84	2578200	19.75	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	795367	19.54	ug/L	0.00
41) Toluene-d8	7.36	98	2386571	20.00	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	320654	21.23	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	1447955	287.98	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	599795	22.03	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	944374	19.04	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	899034	17.770 ug/L	99
3) Chloromethane	1.25	50	752037	17.677 ug/L	98
5) Vinyl chloride	1.32	62	744959	17.973 ug/L	100
6) Bromomethane	1.53	94	377356	17.468 ug/L	99
8) Chloroethane	1.60	64	416084	17.728 ug/L	99
9) Trichlorofluoromethane	1.77	101	1002956	18.416 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	550529	18.193 ug/L	99
12) 1,1-Dichloroethene	2.14	96	528889	18.196 ug/L	91
13) Acetone	2.23	43	901863	216.706 ug/L	63
14) Carbon disulfide	2.31	76	1649783	18.836 ug/L	99
15) Methyl Acetate	2.47	43	324290	21.302 ug/L	98
16) Methylene chloride	2.53	84	713411	16.947 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	1691987	21.568 ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	714088	18.590 ug/L	99
19) 1,1-Dichloroethane	3.23	63	1338639	19.002 ug/L	99
21) 2-Butanone	4.05	43	2147221	237.336 ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	782900	20.167 ug/L	# 97
23) Bromochloromethane	4.30	128	339443	19.324 ug/L	98
25) Chloroform	4.42	83	1325899	17.719 ug/L	98
27) 1,2-Dichloroethane	5.18	62	824544	19.954 ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	1141801	20.447 ug/L	100
30) Cyclohexane	4.72	56	1318181	22.352 ug/L	99
31) Carbon tetrachloride	4.87	117	1032963	20.390 ug/L	99
33) Benzene	5.14	78	2941311	20.918 ug/L	100
34) Trichloroethene	5.96	95	768684	19.824 ug/L	98
35) Methylcyclohexane	6.17	83	1297271	22.483 ug/L	99
37) 1,2-Dichloropropane	6.22	63	725601	20.428 ug/L	100
38) Bromodichloromethane	6.55	83	926975	20.671 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	1091033	22.588 ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	4905636	241.040 ug/L	99

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42) Toluene	7.43	91	3026957	20.716	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	853191	22.214	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	491997	20.617	ug/L	99
47) Tetrachloroethene	8.02	164	654501	20.034	ug/L	100
48) 2-Hexanone	8.18	43	3465745	236.674	ug/L	97
49) Dibromochloromethane	8.29	129	629352	21.191	ug/L	96
50) 1,2-Dibromoethane	8.39	107	482432	21.931	ug/L	100
51) Chlorobenzene	8.92	112	1922688	20.303	ug/L	99
52) Ethylbenzene	9.05	91	3398706	21.837	ug/L	99
53) m,p-xylene	9.18	106	1314272	22.777	ug/L	99
54) o-xylene	9.59	106	1272521	22.676	ug/L	99
55) Styrene	9.60	104	2204143	23.428	ug/L	98
56) Isopropylbenzene	9.97	105	3424744	22.787	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	597376	23.091	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	449239	21.312	ug/L	97
61) Bromoform	9.77	173	385741	20.791	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	1645123	19.754	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	1646788	19.672	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	1488196	19.200	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	92336	22.869	ug/L	90
67) 1,3,5-Trichlorobenzene	12.69	180	1341366	20.128	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	1156203	22.312	ug/L	99
69) Naphthalene	13.55	128	1944782	26.802	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	1063800	22.407	ug/L	99

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

