

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122319\
 Data File : VV014156.D
 Acq On : 23 Dec 2019 11:54
 Operator : SY/MD
 Sample : VSTD00535
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00535

Quant Time: Dec 23 12:14:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Dec 23 10:55:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	373576	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	363203	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	193295	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	140256	6.07	ug/L	0.00
7) Chloroethane-d5	1.58	69	116002	5.91	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	239189	6.14	ug/L	0.00
20) 2-Butanone-d5	3.95	46	267838	55.72	ug/L	0.00
24) Chloroform-d	4.40	84	265688	5.70	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	127585	5.75	ug/L	0.00
32) Benzene-d6	5.09	84	528735	5.64	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	154372	5.53	ug/L	0.00
41) Toluene-d8	7.35	98	498011	5.66	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	59989	5.52	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	224967	56.11	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.25	84	111235	5.74	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	173940	5.10	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	169842	6.826 ug/L	97
3) Chloromethane	1.25	50	171121	7.832 ug/L	99
5) Vinyl chloride	1.32	62	160538	7.193 ug/L	97
6) Bromomethane	1.53	94	87993	7.488 ug/L	98
8) Chloroethane	1.60	64	94504	7.027 ug/L	99
9) Trichlorofluoromethane	1.77	101	219196	6.325 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	120780	5.865 ug/L	99
12) 1,1-Dichloroethene	2.14	96	118222	6.582 ug/L	91
13) Acetone	2.21	43	184013	54.745 ug/L	# 61
14) Carbon disulfide	2.32	76	402812	9.714 ug/L	98
15) Methyl Acetate	2.47	43	51677	6.867 ug/L	92
16) Methylene chloride	2.53	84	140387	5.706 ug/L	91
17) Methyl tert-butyl Ether	2.80	73	284080	5.779 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	141395	6.971 ug/L	95
19) 1,1-Dichloroethane	3.23	63	259614	6.412 ug/L	99
21) 2-Butanone	4.03	43	278939	54.901 ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	144639	6.081 ug/L	# 93
23) Bromochloromethane	4.29	128	66328	6.346 ug/L	93
25) Chloroform	4.42	83	264805	6.169 ug/L	99
27) 1,2-Dichloroethane	5.18	62	153337	6.242 ug/L	96
29) 1,1,1-Trichloroethane	4.65	97	231440	6.229 ug/L	99
30) Cyclohexane	4.72	56	225014	7.249 ug/L	98
31) Carbon tetrachloride	4.87	117	209307	6.403 ug/L	99
33) Benzene	5.14	78	574871	6.453 ug/L	100
34) Trichloroethene	5.96	95	146039	5.942 ug/L	97
35) Methylcyclohexane	6.17	83	227544	6.939 ug/L	95
37) 1,2-Dichloropropane	6.22	63	135998	5.939 ug/L	98
38) Bromodichloromethane	6.55	83	178880	5.921 ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	193414	5.953 ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	776531	58.121 ug/L	98

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42) Toluene	7.43	91	618501	6.472	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	153719	6.044	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	95637	5.861	ug/L	99
47) Tetrachloroethene	8.01	164	133753	6.267	ug/L	98
48) 2-Hexanone	8.18	43	596771	62.578	ug/L	99
49) Dibromochloromethane	8.29	129	124676	5.957	ug/L	95
50) 1,2-Dibromoethane	8.39	107	87185	5.900	ug/L #	96
51) Chlorobenzene	8.92	112	389818	5.863	ug/L	99
52) Ethylbenzene	9.05	91	640656	6.171	ug/L	100
53) m,p-xylene	9.18	106	249856	6.313	ug/L	99
54) o-xylene	9.58	106	235332	6.091	ug/L	97
55) Styrene	9.60	104	416088	6.237	ug/L	99
56) Isopropylbenzene	9.97	105	634343	6.025	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	111365	6.211	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	84105	5.984	ug/L	100
61) Bromoform	9.77	173	71575	5.884	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	315565	5.620	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	311625	5.452	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	290059	5.566	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.47	75	16823	5.555	ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	260693	5.496	ug/L	98
68) 1,2,4-trichlorobenzene	13.30	180	201987	5.193	ug/L	99
69) Naphthalene	13.55	128	259231	4.894	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	197399	5.570	ug/L	97

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

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