

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122719\
 Data File : VV014187.D
 Acq On : 27 Dec 2019 12:48
 Operator : SY/MD
 Sample : VSTD00536
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00536

Quant Time: Dec 27 13:31:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 27 11:20:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	802684	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	730927	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	338015	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	172126	2.99	ug/L	0.00
7) Chloroethane-d5	1.58	69	146494	3.04	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	311502	3.19	ug/L	0.00
20) 2-Butanone-d5	3.94	46	424606	39.08	ug/L	0.00
24) Chloroform-d	4.39	84	434108	3.96	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.07	65	209612	3.96	ug/L	0.00
32) Benzene-d6	5.09	84	954082	4.76	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	284870	4.73	ug/L	0.00
41) Toluene-d8	7.35	98	882040	4.88	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	122204	5.25	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	487978	59.32	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.25	84	200448	4.57	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	288164	4.76	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	294826	4.549 ug/L	98
3) Chloromethane	1.25	50	256986	3.849 ug/L	98
5) Vinyl chloride	1.32	62	245762	3.938 ug/L	97
6) Bromomethane	1.53	94	113833	3.309 ug/L	99
8) Chloroethane	1.60	64	131352	3.542 ug/L	97
9) Trichlorofluoromethane	1.77	101	319055	3.792 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	168472	3.553 ug/L	94
12) 1,1-Dichloroethene	2.14	96	162901	3.520 ug/L	91
13) Acetone	2.21	43	259120	29.279 ug/L	93
14) Carbon disulfide	2.31	76	752120	4.890 ug/L	98
15) Methyl Acetate	2.47	43	85051	4.070 ug/L	96
16) Methylene chloride	2.53	84	267503	4.299 ug/L	92
17) Methyl tert-butyl Ether	2.80	73	611224	5.368 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	266030	4.860 ug/L	97
19) 1,1-Dichloroethane	3.23	63	490077	4.824 ug/L	99
21) 2-Butanone	4.03	43	536097	44.223 ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	292610	5.191 ug/L #	99
23) Bromochloromethane	4.29	128	111070	4.265 ug/L	92
25) Chloroform	4.42	83	511125	4.908 ug/L	97
27) 1,2-Dichloroethane	5.17	62	278525	4.699 ug/L #	93
29) 1,1,1-Trichloroethane	4.65	97	430354	5.062 ug/L	99
30) Cyclohexane	4.72	56	468352	5.758 ug/L	99
31) Carbon tetrachloride	4.87	117	367739	4.860 ug/L	99
33) Benzene	5.14	78	1103504	5.351 ug/L	100
34) Trichloroethene	5.95	95	295603	5.442 ug/L	87
35) Methylcyclohexane	6.17	83	483350	5.995 ug/L	96
37) 1,2-Dichloropropane	6.22	63	272244	5.350 ug/L	99
38) Bromodichloromethane	6.55	83	354330	5.353 ug/L	97
39) cis-1,3-Dichloropropene	7.06	75	436296	6.086 ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	1618398	58.376 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.42	91	1179497	5.468	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	335364	5.950	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	179579	5.080	ug/L	98
47) Tetrachloroethene	8.01	164	204688	4.180	ug/L	89
48) 2-Hexanone	8.18	43	1150211	56.790	ug/L	97
49) Dibromochloromethane	8.28	129	226717	5.064	ug/L	95
50) 1,2-Dibromoethane	8.39	107	171411	5.276	ug/L	93
51) Chlorobenzene	8.92	112	733514	5.204	ug/L	95
52) Ethylbenzene	9.05	91	1327591	5.908	ug/L	99
53) m,p-xylene	9.18	106	497838	5.733	ug/L	95
54) o-xylene	9.58	106	492962	6.037	ug/L	98
55) Styrene	9.60	104	819993	5.817	ug/L	97
56) Isopropylbenzene	9.97	105	1284110	5.949	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	210227	5.077	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	157169	5.119	ug/L	99
61) Bromoform	9.77	173	117927	5.061	ug/L #	96
62) 1,3-Dichlorobenzene	11.22	146	540573	5.479	ug/L	95
63) 1,4-Dichlorobenzene	11.31	146	542923	5.434	ug/L	97
65) 1,2-Dichlorobenzene	11.68	146	496519	5.405	ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.47	75	39005	6.925	ug/L #	86
67) 1,3,5-Trichlorobenzene	12.69	180	391047	4.820	ug/L #	97
68) 1,2,4-trichlorobenzene	13.31	180	341469	5.160	ug/L	96
69) Naphthalene	13.55	128	621181	7.153	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	299852	4.912	ug/L #	96

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

