

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010220\
 Data File : VV014247.D
 Acq On : 02 Jan 2020 14:17
 Operator : SY/MD
 Sample : VSTD00136
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00136

Quant Time: Jan 02 17:03:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 02 17:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	877264	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	791705	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	362255	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64282	1.41	ug/L	0.00
7) Chloroethane-d5	1.59	69	47238	1.27	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	93839	1.20	ug/L	0.00
20) 2-Butanone-d5	3.98	46	144176	12.73	ug/L	0.02
24) Chloroform-d	4.40	84	124128	1.16	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	59951	1.15	ug/L	0.00
32) Benzene-d6	5.10	84	244707	1.10	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	76469	1.13	ug/L	0.00
41) Toluene-d8	7.36	98	223722	1.09	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	32801	1.08	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	139023	11.86	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	52813	1.09	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	70234	1.07	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	66531	0.988 ug/L	99
3) Chloromethane	1.26	50	65924	1.059 ug/L	95
5) Vinyl chloride	1.33	62	58676	0.993 ug/L	96
6) Bromomethane	1.54	94	34037	1.195 ug/L	99
8) Chloroethane	1.60	64	35384	1.119 ug/L	99
9) Trichlorofluoromethane	1.77	101	72911	0.976 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	38135	0.942 ug/L	96
12) 1,1-Dichloroethene	2.14	96	38392	0.967 ug/L	91
13) Acetone	2.23	43	115729	16.617 ug/L	84
14) Carbon disulfide	2.32	76	174117	1.013 ug/L	98
15) Methyl Acetate	2.48	43	23769	1.079 ug/L #	73
16) Methylene chloride	2.54	84	67605	1.031 ug/L	98
17) Methyl tert-butyl Ether	2.81	73	145547	0.994 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	56768	0.931 ug/L	96
19) 1,1-Dichloroethane	3.23	63	115787	1.016 ug/L	100
21) 2-Butanone	4.06	43	147715	11.814 ug/L #	72
22) cis-1,2-Dichloroethene	3.96	96	63386	0.956 ug/L #	96
23) Bromochloromethane	4.30	128	23235	0.902 ug/L	95
25) Chloroform	4.43	83	108140	0.952 ug/L	99
27) 1,2-Dichloroethane	5.18	62	64387	0.990 ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	94846	0.985 ug/L	99
30) Cyclohexane	4.73	56	102954	0.967 ug/L	98
31) Carbon tetrachloride	4.88	117	81909	0.994 ug/L	97
33) Benzene	5.15	78	244544	0.994 ug/L	100
34) Trichloroethene	5.96	95	62239	0.954 ug/L	95
35) Methylcyclohexane	6.17	83	99065	0.902 ug/L	98
37) 1,2-Dichloropropane	6.22	63	57398	0.959 ug/L #	96
38) Bromodichloromethane	6.55	83	78003	0.977 ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	98493	1.001 ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	395413	10.468 ug/L	99

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

42) Toluene	7.43	91	260302	0.967	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	73500	0.951	ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	39037	0.961	ug/L	98
47) Tetrachloroethene	8.02	164	43421	0.953	ug/L	94
48) 2-Hexanone	8.19	43	263661	10.088	ug/L	99
49) Dibromochloromethane	8.29	129	49504	0.959	ug/L	98
50) 1,2-Dibromoethane	8.40	107	38025	0.969	ug/L #	95
51) Chlorobenzene	8.92	112	156439	0.942	ug/L	96
52) Ethylbenzene	9.05	91	287885	0.963	ug/L	99
53) m,p-xylene	9.18	106	107065	0.955	ug/L	97
54) o-xylene	9.58	106	105547	0.967	ug/L	99
55) Styrene	9.60	104	171781	0.935	ug/L	99
56) Isopropylbenzene	9.97	105	271433	0.945	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	48030	0.968	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	37396	1.016	ug/L	95
61) Bromoform	9.77	173	24965	0.946	ug/L	95
62) 1,3-Dichlorobenzene	11.22	146	111527	0.933	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	110415	0.925	ug/L	96
65) 1,2-Dichlorobenzene	11.68	146	103351	0.947	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.47	75	10728	1.166	ug/L	99
67) 1,3,5-Trichlorobenzene	12.69	180	80163	0.921	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	71655	0.937	ug/L	100
69) Naphthalene	13.55	128	144260	1.013	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	63569	0.951	ug/L	97

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

