

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101218\
 Data File : VR026052.D
 Acq On : 12 Oct 2018 9:29
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00598

Quant Time: Oct 13 00:50:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 12 08:06:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	531167	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	456642	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	182219	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	203277	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	2.63	69	187629	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.60%
11) 1,1-Dichloroethene-d2	3.61	63	493624	5.02	ug/L	-0.03
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.40%
20) 2-Butanone-d5	6.59	46	241819	51.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.58%
24) Chloroform-d	7.20	84	369087	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	7.90	65	160506	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	7.85	84	693283	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	8.90	67	192450	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	9.97	98	642051	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	10.24	79	48800	5.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.00%
46) 2-Hexanone-d5	10.59	63	186875	52.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.42%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	85412	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	140152	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	145737	4.514 ug/L	91
3) Chloromethane	2.01	50	225062	4.902 ug/L	98
5) Vinyl chloride	2.17	62	230122	5.036 ug/L	95
6) Bromomethane	2.52	94	149519	5.241 ug/L	98
8) Chloroethane	2.66	64	145846	5.610 ug/L	99
9) Trichlorofluoromethane	2.93	101	360651	5.684 ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	231146	5.960 ug/L	95
12) 1,1-Dichloroethene	3.63	96	226933	5.660 ug/L	91
13) Acetone	3.70	43	188118	55.582 ug/L	95
14) Carbon disulfide	3.93	76	497899	5.129 ug/L	99
15) Methyl Acetate	4.19	43	47424	5.054 ug/L #	76
16) Methylene chloride	4.41	84	194444	5.274 ug/L	92
17) Methyl tert-butyl Ether	4.90	73	215527	4.854 ug/L	99
18) trans-1,2-Dichloroethene	4.89	96	159639	4.814 ug/L	85
19) 1,1-Dichloroethane	5.69	63	326653	4.975 ug/L	99
21) 2-Butanone	6.69	43	220586	47.385 ug/L	99
22) cis-1,2-Dichloroethene	6.68	96	165760	4.968 ug/L	87

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

23) Bromochloromethane	7.05	128	46754	5.165	ug/L	84
25) Chloroform	7.23	83	321991	5.036	ug/L	95
27) 1,2-Dichloroethane	7.99	62	156966	4.920	ug/L	97
29) 1,1,1-Trichloroethane	7.43	97	280408	5.461	ug/L	99
30) Cyclohexane	7.51	56	278861	4.346	ug/L	96
31) Carbon tetrachloride	7.63	117	248649	5.591	ug/L	99
33) Benzene	7.91	78	750581	4.901	ug/L	100
34) Trichloroethene	8.71	95	190569	4.722	ug/L	92
35) Methylcyclohexane	8.96	83	288762	4.759	ug/L	96
37) 1,2-Dichloropropane	9.00	63	159506	4.854	ug/L #	97
38) Bromodichloromethane	9.28	83	181356	5.116	ug/L	96
39) cis-1,3-Dichloropropene	9.72	75	192492	5.225	ug/L	94
40) 4-Methyl-2-pentanone	9.87	43	555754	48.102	ug/L	98
42) Toluene	10.03	91	811314	5.098	ug/L	95
44) trans-1,3-Dichloropropene	10.26	75	132395	5.504	ug/L	95
45) 1,1,2-Trichloroethane	10.45	97	71387	4.803	ug/L	97
47) Tetrachloroethene	10.51	164	128182	5.155	ug/L	90
48) 2-Hexanone	10.63	43	379619	50.184	ug/L	98
49) Dibromochloromethane	10.79	129	79611	5.278	ug/L	100
50) 1,2-Dibromoethane	10.89	107	61902	5.279	ug/L #	94
51) Chlorobenzene	11.32	112	444811	5.269	ug/L	91
52) Ethylbenzene	11.39	91	961253	5.292	ug/L	98
53) m,p-Xylene	11.50	106	347381	5.372	ug/L	91
54) o-Xylene	11.83	106	319691	5.311	ug/L	92
55) Styrene	11.84	104	510579	5.450	ug/L	93
56) Isopropylbenzene	12.13	105	936709	5.642	ug/L	97
58) 1,1,2,2-Tetrachloroethane	12.39	83	71734	5.009	ug/L	96
59) 1,2,3-Trichloropropane	12.43	75	51825	4.863	ug/L	96
61) Bromoform	12.01	173	28692	5.209	ug/L	96
62) 1,3-Dichlorobenzene	13.16	146	261168	4.904	ug/L	90
63) 1,4-Dichlorobenzene	13.24	146	271480	4.983	ug/L	95
65) 1,2-Dichlorobenzene	13.53	146	211778	4.949	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.14	75	7133	3.965	ug/L	89
67) 1,3,5-Trichlorobenzene	14.29	180	158153	4.985	ug/L	97
68) 1,2,4-trichlorobenzene	14.78	180	92476	4.573	ug/L	96
69) Naphthalene	15.00	128	106205	4.115	ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	69518	4.955	ug/L	97

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

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