

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR121718\
 Data File : VR026270.D
 Acq On : 17 Dec 2018 18:07
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00587

Quant Time: Dec 18 00:26:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Dec 17 18:11:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	630082	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	522939	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	201926	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	198766	4.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.20%
7) Chloroethane-d5	2.63	69	196429	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	3.61	63	570630	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.80%
20) 2-Butanone-d5	6.59	46	178640	50.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.34%
24) Chloroform-d	7.20	84	415527	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	7.90	65	153005	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	7.86	84	804265	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	8.90	67	200298	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	9.97	98	755209	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	10.24	79	53686	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	10.59	63	125744	53.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.56%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	75000	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	146987	4.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	278215	5.318	ug/L 100
3) Chloromethane	2.01	50	323310	5.175	ug/L 95
5) Vinyl chloride	2.16	62	334127	5.261	ug/L 96
6) Bromomethane	2.53	94	219389	5.177	ug/L 100
8) Chloroethane	2.66	64	201545	5.148	ug/L 99
9) Trichlorofluoromethane	2.94	101	530139	5.443	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	287022	5.401	ug/L 98
12) 1,1-Dichloroethene	3.63	96	301693	5.347	ug/L 89
13) Acetone	3.70	43	178663	49.258	ug/L 98
14) Carbon disulfide	3.94	76	982074	5.302	ug/L 98
15) Methyl Acetate	4.19	43	50013	5.167	ug/L 98
16) Methylene chloride	4.41	84	237807	4.938	ug/L 99
17) Methyl tert-butyl Ether	4.90	73	263674	5.455	ug/L 100
18) trans-1,2-Dichloroethene	4.88	96	256229	5.124	ug/L 93
19) 1,1-Dichloroethane	5.70	63	449517	4.917	ug/L 98
21) 2-Butanone	6.69	43	227443	52.875	ug/L 98
22) cis-1,2-Dichloroethene	6.68	96	230177	5.154	ug/L # 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.05	128	62977	4.788	ug/L	97
25) Chloroform	7.23	83	431501	4.978	ug/L	96
27) 1,2-Dichloroethane	7.99	62	192130	5.141	ug/L	100
29) 1,1,1-Trichloroethane	7.43	97	419967	4.904	ug/L	96
30) Cyclohexane	7.52	56	426113	5.614	ug/L	100
31) Carbon tetrachloride	7.64	117	381908	4.898	ug/L	100
33) Benzene	7.91	78	1025934	4.984	ug/L	100
34) Trichloroethene	8.71	95	269692	4.969	ug/L	97
35) Methylcyclohexane	8.95	83	432980	5.503	ug/L	97
37) 1,2-Dichloropropane	9.00	63	205749	4.881	ug/L	100
38) Bromodichloromethane	9.28	83	232641	4.872	ug/L	99
39) cis-1,3-Dichloropropene	9.72	75	243924	5.261	ug/L	99
40) 4-Methyl-2-pentanone	9.87	43	570741	56.261	ug/L	99
42) Toluene	10.04	91	1094617	5.202	ug/L	95
44) trans-1,3-Dichloropropene	10.26	75	172359	5.231	ug/L	99
45) 1,1,2-Trichloroethane	10.45	97	85447	4.883	ug/L	96
47) Tetrachloroethene	10.51	164	200723	4.861	ug/L	91
48) 2-Hexanone	10.63	43	365615	55.915	ug/L	97
49) Dibromochloromethane	10.79	129	111960	5.040	ug/L	97
50) 1,2-Dibromoethane	10.89	107	71423	4.845	ug/L #	90
51) Chlorobenzene	11.32	112	580220	4.929	ug/L	96
52) Ethylbenzene	11.39	91	1275996	5.372	ug/L	98
53) m,p-Xylene	11.50	106	466023	5.246	ug/L	95
54) o-Xylene	11.83	106	418506	5.407	ug/L	98
55) Styrene	11.84	104	622593	5.327	ug/L	99
56) Isopropylbenzene	12.13	105	1228772	5.583	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.39	83	78345	5.070	ug/L	99
59) 1,2,3-Trichloropropane	12.43	75	59879	5.000	ug/L	98
61) Bromoform	12.01	173	41901	4.912	ug/L	96
62) 1,3-Dichlorobenzene	13.16	146	340574	5.189	ug/L	98
63) 1,4-Dichlorobenzene	13.24	146	353617	5.016	ug/L	93
65) 1,2-Dichlorobenzene	13.53	146	268613	5.028	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.14	75	8326	4.391	ug/L	86
67) 1,3,5-Trichlorobenzene	14.30	180	216765	5.157	ug/L	98
68) 1,2,4-trichlorobenzene	14.79	180	114088	4.996	ug/L	96
69) Naphthalene	15.00	128	104562	5.097	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	82029	5.180	ug/L	99

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

