

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR121718\
 Data File : VR026268.D
 Acq On : 17 Dec 2018 16:43
 Operator : SY/MD
 Sample : VSTD02085
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD02085

Quant Time: Dec 17 17:12:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Dec 17 16:44:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	699954	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	588476	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	237476	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	818056	13.20	ug/L	0.00
7) Chloroethane-d5	2.63	69	808351	15.46	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.61	63	2386545	15.90	ug/L	0.00
20) 2-Butanone-d5	6.59	46	898479	190.07	ug/L	0.00
24) Chloroform-d	7.20	84	1906672	17.84	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.90	65	720511	17.45	ug/L	0.00
32) Benzene-d6	7.85	84	3847689	18.97	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	969495	18.74	ug/L	0.00
41) Toluene-d8	9.97	98	3688669	19.41	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	273900	19.54	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	682432	214.71	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	346750	16.32	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	754770	18.52	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	1117634	23.225 ug/L	98
3) Chloromethane	2.02	50	1357899	20.474 ug/L	100
5) Vinyl chloride	2.17	62	1345509	20.518 ug/L	99
6) Bromomethane	2.52	94	871251	19.854 ug/L	96
8) Chloroethane	2.66	64	831465	20.240 ug/L	98
9) Trichlorofluoromethane	2.93	101	2144026	20.249 ug/L	# 58
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	1129429	19.516 ug/L	98
12) 1,1-Dichloroethene	3.63	96	1243878	19.885 ug/L	95
13) Acetone	3.70	43	782330	180.818 ug/L	98
14) Carbon disulfide	3.93	76	4147938	26.283 ug/L	99
15) Methyl Acetate	4.19	43	216110	18.460 ug/L	100
16) Methylene chloride	4.40	84	1015862	17.798 ug/L	98
17) Methyl tert-butyl Ether	4.90	73	1320682	21.304 ug/L	98
18) trans-1,2-Dichloroethene	4.88	96	1226620	23.163 ug/L	97
19) 1,1-Dichloroethane	5.69	63	2122688	22.003 ug/L	99
21) 2-Butanone	6.69	43	1155398	209.297 ug/L	97
22) cis-1,2-Dichloroethene	6.67	96	1156086	24.452 ug/L	99
23) Bromochloromethane	7.05	128	305731	20.793 ug/L	93
25) Chloroform	7.23	83	2033663	19.096 ug/L	97
27) 1,2-Dichloroethane	7.99	62	883619	20.194 ug/L	98
29) 1,1,1-Trichloroethane	7.43	97	1940285	23.819 ug/L	99
30) Cyclohexane	7.52	56	1956834	27.969 ug/L	99
31) Carbon tetrachloride	7.64	117	1742601	23.868 ug/L	99
33) Benzene	7.91	78	4958391	23.259 ug/L	100
34) Trichloroethene	8.71	95	1322866	23.873 ug/L	99
35) Methylcyclohexane	8.95	83	2043242	27.314 ug/L	99
37) 1,2-Dichloropropane	9.00	63	978214	21.955 ug/L	100
38) Bromodichloromethane	9.28	83	1141188	21.683 ug/L	99
39) cis-1,3-Dichloropropene	9.72	75	1290448	25.769 ug/L	100
40) 4-Methyl-2-pentanone	9.87	43	2802654	219.793 ug/L	96

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42) Toluene	10.04	91	5236361	22.636	ug/L	93
44) trans-1,3-Dichloropropene	10.26	75	915221	26.983	ug/L	95
45) 1,1,2-Trichloroethane	10.45	97	409075	20.649	ug/L	98
47) Tetrachloroethene	10.51	164	1018850	25.508	ug/L	97
48) 2-Hexanone	10.63	43	1827178	214.099	ug/L	98
49) Dibromochloromethane	10.79	129	560813	23.539	ug/L	99
50) 1,2-Dibromoethane	10.89	107	359794	21.644	ug/L	95
51) Chlorobenzene	11.32	112	2798383	21.769	ug/L	96
52) Ethylbenzene	11.39	91	5802860	22.689	ug/L	89
53) m,p-Xylene	11.50	106	2347994	25.226	ug/L	93
54) o-Xylene	11.83	106	2201860	26.108	ug/L	91
55) Styrene	11.84	104	3251601	24.204	ug/L	97
56) Isopropylbenzene	12.13	105	5651101	24.120	ug/L	95
58) 1,1,2,2-Tetrachloroethane	12.39	83	365731	19.294	ug/L	99
59) 1,2,3-Trichloropropane	12.43	75	276121	19.917	ug/L	97
61) Bromoform	12.01	173	222869	23.901	ug/L	97
62) 1,3-Dichlorobenzene	13.16	146	1766807	23.422	ug/L	97
63) 1,4-Dichlorobenzene	13.24	146	1742742	20.969	ug/L	98
65) 1,2-Dichlorobenzene	13.53	146	1359917	21.880	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.15	75	40581	17.504	ug/L #	86
67) 1,3,5-Trichlorobenzene	14.29	180	1170558	24.856	ug/L	98
68) 1,2,4-trichlorobenzene	14.79	180	675361	25.831	ug/L	99
69) Naphthalene	15.00	128	714348	27.960	ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	449558	23.180	ug/L	98

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

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