

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR121718\
 Data File : VR026267.D
 Acq On : 17 Dec 2018 16:10
 Operator : SY/MD
 Sample : VSTD01084
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD01084

Quant Time: Dec 17 16:49:50 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	687283	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	565317	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	224701	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	456804	7.51	ug/L	0.00
7) Chloroethane-d5	2.63	69	465644	9.07	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.61	63	1312128	8.91	ug/L	0.00
20) 2-Butanone-d5	6.59	46	466745	100.56	ug/L	0.00
24) Chloroform-d	7.20	84	1023555	9.75	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.90	65	381616	9.41	ug/L	0.00
32) Benzene-d6	7.85	84	2083383	10.69	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	514431	10.35	ug/L	0.00
41) Toluene-d8	9.97	98	1996461	10.93	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	141173	10.48	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	345957	113.31	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	188887	9.26	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	407487	10.57	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	563053	11.916 ug/L	95
3) Chloromethane	2.02	50	634131	9.737 ug/L	96
5) Vinyl chloride	2.17	62	652315	10.131 ug/L	97
6) Bromomethane	2.53	94	415920	9.652 ug/L	97
8) Chloroethane	2.66	64	400499	9.929 ug/L	98
9) Trichlorofluoromethane	2.94	101	1071497	10.306 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	565572	9.953 ug/L	99
12) 1,1-Dichloroethene	3.63	96	606392	9.873 ug/L	88
13) Acetone	3.70	43	354229	83.381 ug/L	99
14) Carbon disulfide	3.93	76	2020590	13.039 ug/L	98
15) Methyl Acetate	4.19	43	95386	8.298 ug/L	98
16) Methylene chloride	4.41	84	469316	8.374 ug/L	99
17) Methyl tert-butyl Ether	4.89	73	547968	9.002 ug/L	99
18) trans-1,2-Dichloroethene	4.89	96	547968	10.539 ug/L	93
19) 1,1-Dichloroethane	5.69	63	946168	9.989 ug/L	99
21) 2-Butanone	6.69	43	492976	90.948 ug/L	99
22) cis-1,2-Dichloroethene	6.67	96	505815	10.895 ug/L	93
23) Bromochloromethane	7.06	128	134480	9.315 ug/L	96
25) Chloroform	7.23	83	911977	8.721 ug/L	98
27) 1,2-Dichloroethane	7.99	62	396634	9.232 ug/L	98
29) 1,1,1-Trichloroethane	7.43	97	908134	11.605 ug/L	99
30) Cyclohexane	7.52	56	938768	13.967 ug/L	99
31) Carbon tetrachloride	7.64	117	827268	11.795 ug/L	99
33) Benzene	7.91	78	2230926	10.894 ug/L	100
34) Trichloroethene	8.71	95	590773	11.098 ug/L	99
35) Methylcyclohexane	8.96	83	955228	13.292 ug/L	99
37) 1,2-Dichloropropane	9.00	63	435173	10.167 ug/L	100
38) Bromodichloromethane	9.28	83	491904	9.729 ug/L	99
39) cis-1,3-Dichloropropene	9.72	75	559928	11.639 ug/L	99
40) 4-Methyl-2-pentanone	9.87	43	1218872	99.504 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.04	91	2403009	10.813	ug/L	98
44) trans-1,3-Dichloropropene	10.26	75	393673	12.082	ug/L	97
45) 1,1,2-Trichloroethane	10.45	97	180428	9.481	ug/L	96
47) Tetrachloroethene	10.51	164	456688	11.902	ug/L	93
48) 2-Hexanone	10.63	43	802829	97.925	ug/L	99
49) Dibromochloromethane	10.79	129	239794	10.477	ug/L	100
50) 1,2-Dibromoethane	10.89	107	155266	9.723	ug/L	96
51) Chlorobenzene	11.32	112	1249828	10.121	ug/L	97
52) Ethylbenzene	11.39	91	2786677	11.342	ug/L	97
53) m,p-Xylene	11.50	106	1046888	11.708	ug/L	96
54) o-Xylene	11.83	106	954772	11.785	ug/L	96
55) Styrene	11.84	104	1431686	11.094	ug/L	99
56) Isopropylbenzene	12.13	105	2758880	12.258	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.39	83	162106	8.902	ug/L	97
59) 1,2,3-Trichloropropane	12.43	75	122406	9.191	ug/L	100
61) Bromoform	12.01	173	94906	10.757	ug/L	96
62) 1,3-Dichlorobenzene	13.16	146	789658	11.063	ug/L	99
63) 1,4-Dichlorobenzene	13.24	146	784429	9.975	ug/L	97
65) 1,2-Dichlorobenzene	13.53	146	610280	10.377	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.15	75	17062	7.778	ug/L	95
67) 1,3,5-Trichlorobenzene	14.30	180	503062	11.289	ug/L	99
68) 1,2,4-trichlorobenzene	14.79	180	282932	11.437	ug/L	99
69) Naphthalene	15.00	128	276585	11.441	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	194041	10.574	ug/L	98

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

