

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101518\
 Data File : VR026074.D
 Acq On : 15 Oct 2018 14:59
 Operator : SY/MD
 Sample : VSTD01084
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD01084

Manual Integrations
 APPROVED

MMDadoda
 10/16/2018 3:12:53 PM

Quant Time: Oct 15 15:34:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 15 15:02:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	651169	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	562349	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	226919	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	540557	10.53	ug/L	0.00
7) Chloroethane-d5	2.63	69	469038	11.18	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.61	63	1303139	10.81	ug/L	0.00
20) 2-Butanone-d5	6.59	46	484229	84.59	ug/L	0.00
24) Chloroform-d	7.20	84	880855	9.86	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.90	65	373600	9.72	ug/L	0.00
32) Benzene-d6	7.85	84	1795972	9.60	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	463054	9.18	ug/L	0.00
41) Toluene-d8	9.97	98	1778455	10.11	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	130252	11.38	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	414490	94.94	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	185978	9.09	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	350797	9.65	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	394732	9.973 ug/L	95
3) Chloromethane	2.02	50	671316	11.928 ug/L	99
5) Vinyl chloride	2.17	62	655490	11.702 ug/L	95
6) Bromomethane	2.52	94	429214	12.272 ug/L	98
8) Chloroethane	2.66	64	404073	12.678 ug/L	96
9) Trichlorofluoromethane	2.94	101	948731m	12.198 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	554802	11.669 ug/L	97
12) 1,1-Dichloroethene	3.64	96	592726	12.058 ug/L	97
13) Acetone	3.70	43	452072	108.955 ug/L	99
14) Carbon disulfide	3.94	76	1698139	14.270 ug/L	98
15) Methyl Acetate	4.19	43	119827	10.416 ug/L	96
16) Methylene chloride	4.41	84	509782	11.278 ug/L	98
17) Methyl tert-butyl Ether	4.89	73	575694	10.576 ug/L	98
18) trans-1,2-Dichloroethene	4.89	96	482006	11.856 ug/L	99
19) 1,1-Dichloroethane	5.69	63	867556	10.778 ug/L	99
21) 2-Butanone	6.69	43	568973	99.698 ug/L	99
22) cis-1,2-Dichloroethene	6.68	96	466827	11.412 ug/L #	95
23) Bromochloromethane	7.05	128	121676	10.965 ug/L	98
25) Chloroform	7.23	83	864155	11.025 ug/L	97
27) 1,2-Dichloroethane	7.99	62	423700	10.833 ug/L	99
29) 1,1,1-Trichloroethane	7.43	97	761233	12.038 ug/L	100
30) Cyclohexane	7.52	56	791081	10.012 ug/L	98
31) Carbon tetrachloride	7.63	117	686473	12.535 ug/L	98
33) Benzene	7.91	78	2101422	11.141 ug/L	100
34) Trichloroethene	8.71	95	534244	10.750 ug/L	98
35) Methylcyclohexane	8.96	83	802047	10.733 ug/L	98
37) 1,2-Dichloropropane	9.00	63	433271	10.707 ug/L	99
38) Bromodichloromethane	9.28	83	498941	11.429 ug/L #	99
39) cis-1,3-Dichloropropene	9.72	75	558525	12.310 ug/L	98
40) 4-Methyl-2-pentanone	9.87	43	1454319	102.213 ug/L	99

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42) Toluene	10.04	91	2294441	11.707	ug/L	98
44) trans-1,3-Dichloropropene	10.26	75	395926	13.366	ug/L	94
45) 1,1,2-Trichloroethane	10.45	97	190162	10.390	ug/L	98
47) Tetrachloroethene	10.51	164	384458	12.554	ug/L	98
48) 2-Hexanone	10.63	43	957409	102.774	ug/L	98
49) Dibromochloromethane	10.79	129	231590	12.468	ug/L	98
50) 1,2-Dibromoethane	10.89	107	166740	11.546	ug/L #	88
51) Chlorobenzene	11.32	112	1231347	11.844	ug/L	99
52) Ethylbenzene	11.39	91	2643820	11.818	ug/L	97
53) m,p-Xylene	11.50	106	970949	12.192	ug/L	95
54) o-Xylene	11.83	106	936267	12.629	ug/L	95
55) Styrene	11.84	104	1451518	12.580	ug/L	99
56) Isopropylbenzene	12.13	105	2554816	12.495	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.39	83	185707	10.531	ug/L	97
59) 1,2,3-Trichloropropane	12.43	75	139197	10.606	ug/L	99
61) Bromoform	12.01	173	84252	12.282	ug/L	99
62) 1,3-Dichlorobenzene	13.16	146	750892	11.322	ug/L	99
63) 1,4-Dichlorobenzene	13.24	146	752687	11.094	ug/L	94
65) 1,2-Dichlorobenzene	13.53	146	599316	11.247	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.15	75	18272	8.155	ug/L	93
67) 1,3,5-Trichlorobenzene	14.29	180	447410	11.325	ug/L	99
68) 1,2,4-trichlorobenzene	14.78	180	267645	10.628	ug/L	99
69) Naphthalene	15.00	128	286403	8.911	ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	185652	10.626	ug/L	100

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

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