

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR110918\
 Data File : VR026218.D
 Acq On : 9 Nov 2018 12:52
 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
 11/12/2018 2:06:28 PM

Quant Time: Nov 09 13:44:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR110918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 09 13:36:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	623116	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	547965	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	217349	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	431578	7.91	ug/L	0.00
7) Chloroethane-d5	2.62	69	408414	8.71	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.61	63	1107648	8.27	ug/L	0.00
20) 2-Butanone-d5	6.58	46	441990	98.72	ug/L	0.00
24) Chloroform-d	7.20	84	786671	9.07	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.90	65	316686	8.78	ug/L	0.00
32) Benzene-d6	7.85	84	1551324	8.81	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	405331	8.91	ug/L	0.00
41) Toluene-d8	9.97	98	1514093	9.11	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	110916	9.31	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	371796	107.98	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	169019	9.47	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	310297	9.03	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	378816	9.051 ug/L	92
3) Chloromethane	2.02	50	633561	9.532 ug/L	97
5) Vinyl chloride	2.17	62	611567	9.236 ug/L	99
6) Bromomethane	2.52	94	416541	9.525 ug/L	99
8) Chloroethane	2.66	64	385183	9.388 ug/L	99
9) Trichlorofluoromethane	2.94	101	876365m	9.168 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	482442	8.466 ug/L	98
12) 1,1-Dichloroethene	3.63	96	551696	9.105 ug/L	91
13) Acetone	3.70	43	407525	88.050 ug/L	99
14) Carbon disulfide	3.93	76	1578528	9.965 ug/L	98
15) Methyl Acetate	4.19	43	101349	8.383 ug/L	99
16) Methylene chloride	4.40	84	471389	8.579 ug/L	96
17) Methyl tert-butyl Ether	4.89	73	530208	9.638 ug/L	98
18) trans-1,2-Dichloroethene	4.89	96	451723	9.858 ug/L	89
19) 1,1-Dichloroethane	5.69	63	813143	9.452 ug/L	97
21) 2-Butanone	6.69	43	522850	97.923 ug/L	100
22) cis-1,2-Dichloroethene	6.67	96	440790	10.169 ug/L	95
23) Bromochloromethane	7.05	128	120330	9.896 ug/L	95
25) Chloroform	7.23	83	800546	9.534 ug/L	100
27) 1,2-Dichloroethane	7.99	62	380014	9.246 ug/L	97
29) 1,1,1-Trichloroethane	7.43	97	699383	9.340 ug/L	99
30) Cyclohexane	7.52	56	708716	9.429 ug/L	98
31) Carbon tetrachloride	7.63	117	622888	9.149 ug/L	99
33) Benzene	7.91	78	1971994	9.591 ug/L	100
34) Trichloroethene	8.71	95	492549	9.359 ug/L	99
35) Methylcyclohexane	8.95	83	723944	9.240 ug/L	99
37) 1,2-Dichloropropane	8.99	63	396588	9.142 ug/L	100
38) Bromodichloromethane	9.28	83	461272	9.888 ug/L	99
39) cis-1,3-Dichloropropene	9.72	75	519875	10.471 ug/L	98
40) 4-Methyl-2-pentanone	9.86	43	1302399	98.310 ug/L	98

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42) Toluene	10.04	91	2135654	9.841	ug/L	99
44) trans-1,3-Dichloropropene	10.26	75	352744	10.169	ug/L	93
45) 1,1,2-Trichloroethane	10.45	97	175066	9.568	ug/L	98
47) Tetrachloroethene	10.51	164	344545	9.168	ug/L	93
48) 2-Hexanone	10.63	43	858970	99.273	ug/L	99
49) Dibromochloromethane	10.79	129	218840	10.628	ug/L	98
50) 1,2-Dibromoethane	10.89	107	154447	9.770	ug/L #	92
51) Chlorobenzene	11.32	112	1128693	9.395	ug/L	100
52) Ethylbenzene	11.39	91	2480552	9.940	ug/L	98
53) m,p-Xylene	11.50	106	922469	10.146	ug/L	93
54) o-Xylene	11.83	106	872721	10.470	ug/L	93
55) Styrene	11.84	104	1330534	10.371	ug/L	97
56) Isopropylbenzene	12.13	105	2375711	10.262	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.39	83	172184	9.259	ug/L	94
59) 1,2,3-Trichloropropane	12.43	75	125901	9.221	ug/L	96
61) Bromoform	12.01	173	79310	10.498	ug/L	97
62) 1,3-Dichlorobenzene	13.16	146	683807	9.470	ug/L	100
63) 1,4-Dichlorobenzene	13.24	146	687607	9.195	ug/L	97
65) 1,2-Dichlorobenzene	13.53	146	551668	9.520	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.14	75	19854	8.409	ug/L #	80
67) 1,3,5-Trichlorobenzene	14.29	180	418755	9.518	ug/L	99
68) 1,2,4-trichlorobenzene	14.78	180	252181	9.820	ug/L	98
69) Naphthalene	15.00	128	280452	11.247	ug/L	97
70) 1,2,3-Trichlorobenzene	15.18	180	175574	9.844	ug/L	98

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

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