

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR112018\
 Data File : VR026234.D
 Acq On : 20 Nov 2018 16:52
 Operator : SY/MD
 Sample : VSTD01091
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD01091

Manual Integrations
 APPROVED

MMDadoda
 11/21/2018 5:40:06 PM

Quant Time: Nov 20 17:24:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 20 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	669161	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	574551	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	245178	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	502013	10.17	ug/L	0.01
7) Chloroethane-d5	2.63	69	440984	9.57	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.61	63	1238243	9.51	ug/L	0.00
20) 2-Butanone-d5	6.59	46	494986	115.30	ug/L	0.00
24) Chloroform-d	7.20	84	992234	11.32	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.90	65	386492	11.10	ug/L	0.00
32) Benzene-d6	7.86	84	1997204	12.14	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	499128	11.41	ug/L	0.00
41) Toluene-d8	9.97	98	1905848	12.48	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	143115	13.07	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	381593	119.54	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	207977	11.55	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	416484	11.70	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	450297	10.606 ug/L	99
3) Chloromethane	2.02	50	571529	7.850 ug/L	95
5) Vinyl chloride	2.17	62	575609	8.017 ug/L	90
6) Bromomethane	2.53	94	379150	7.935 ug/L	100
8) Chloroethane	2.66	64	358387	7.900 ug/L	99
9) Trichlorofluoromethane	2.94	101	890988m	9.233 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	470440	8.488 ug/L	99
12) 1,1-Dichloroethene	3.63	96	537201	8.214 ug/L	97
13) Acetone	3.70	43	348504	76.806 ug/L	100
14) Carbon disulfide	3.94	76	1443640	8.110 ug/L	97
15) Methyl Acetate	4.20	43	94863	8.040 ug/L	100
16) Methylene chloride	4.41	84	457575	8.300 ug/L	99
17) Methyl tert-butyl Ether	4.90	73	620066	11.208 ug/L	98
18) trans-1,2-Dichloroethene	4.89	96	511579	10.140 ug/L	99
19) 1,1-Dichloroethane	5.69	63	913852	9.890 ug/L	99
21) 2-Butanone	6.69	43	526535	100.472 ug/L	98
22) cis-1,2-Dichloroethene	6.68	96	488354	10.944 ug/L	# 98
23) Bromochloromethane	7.06	128	136453	10.015 ug/L	96
25) Chloroform	7.23	83	895634	9.929 ug/L	99
27) 1,2-Dichloroethane	7.99	62	403642	9.640 ug/L	99
29) 1,1,1-Trichloroethane	7.43	97	783670	10.189 ug/L	99
30) Cyclohexane	7.52	56	768847	11.411 ug/L	99
31) Carbon tetrachloride	7.64	117	707098	10.356 ug/L	97
33) Benzene	7.91	78	2077733	10.019 ug/L	100
34) Trichloroethene	8.71	95	540394	10.229 ug/L	96
35) Methylcyclohexane	8.96	83	775470	11.287 ug/L	99
37) 1,2-Dichloropropane	9.00	63	416906	9.584 ug/L	98
38) Bromodichloromethane	9.28	83	490373	10.104 ug/L	97
39) cis-1,3-Dichloropropene	9.72	75	545354	11.091 ug/L	100
40) 4-Methyl-2-pentanone	9.87	43	1323949	107.719 ug/L	98

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42) Toluene	10.04	91	2264941	10.484	ug/L	96
44) trans-1,3-Dichloropropene	10.26	75	372182	11.347	ug/L	99
45) 1,1,2-Trichloroethane	10.45	97	187383	9.980	ug/L	95
47) Tetrachloroethene	10.51	164	392488	10.875	ug/L	95
48) 2-Hexanone	10.63	43	882462	106.469	ug/L	99
49) Dibromochloromethane	10.79	129	232089	10.437	ug/L	93
50) 1,2-Dibromoethane	10.89	107	164238	10.318	ug/L	97
51) Chlorobenzene	11.32	112	1204320	10.034	ug/L	98
52) Ethylbenzene	11.39	91	2579217	10.525	ug/L	98
53) m,p-Xylene	11.50	106	965515	10.855	ug/L	98
54) o-Xylene	11.83	106	914867	11.271	ug/L	92
55) Styrene	11.84	104	1402345	11.114	ug/L	98
56) Isopropylbenzene	12.13	105	2492683	11.371	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.39	83	178880	9.863	ug/L #	97
59) 1,2,3-Trichloropropane	12.43	75	133755	9.794	ug/L	97
61) Bromoform	12.01	173	92515	9.545	ug/L	97
62) 1,3-Dichlorobenzene	13.16	146	787210	10.609	ug/L	98
63) 1,4-Dichlorobenzene	13.24	146	785303	9.623	ug/L	99
65) 1,2-Dichlorobenzene	13.53	146	628350	10.091	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.15	75	18972	8.213	ug/L #	85
67) 1,3,5-Trichlorobenzene	14.30	180	494998	10.709	ug/L	99
68) 1,2,4-trichlorobenzene	14.79	180	299527	11.609	ug/L	99
69) Naphthalene	15.00	128	334841	12.300	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	208500	11.546	ug/L	98

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

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