

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR112118\
 Data File : VR026258.D
 Acq On : 21 Nov 2018 13:16
 Operator : SY/MD
 Sample : VSTD01099
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleID :
 VSTD01099

Manual Integrations
 APPROVED

MMDadoda
 11/27/2018 11:06:14 AM

Quant Time: Nov 27 06:30:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 27 06:08:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	582375	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	513256	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	219129	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	479740	9.30	ug/L	0.00
7) Chloroethane-d5	2.63	69	396001	9.10	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.61	63	1188420	9.52	ug/L	-0.02
20) 2-Butanone-d5	6.59	46	418272	106.35	ug/L	0.00
24) Chloroform-d	7.20	84	852042	9.58	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.90	65	327002	9.52	ug/L	0.00
32) Benzene-d6	7.85	84	1739542	9.83	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	421251	9.34	ug/L	0.00
41) Toluene-d8	9.97	98	1678796	10.13	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	118999	9.73	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	316249	114.08	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	181200	9.78	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	366490	9.74	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	417779	10.43	ug/L	93
3) Chloromethane	2.02	50	505120	9.15	ug/L	96
5) Vinyl chloride	2.17	62	522933	9.58	ug/L	96
6) Bromomethane	2.53	94	327482	8.97	ug/L	93
8) Chloroethane	2.66	64	316557	9.26	ug/L	97
9) Trichlorofluoromethane	2.94	101	869536m	10.04	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	467139	9.70	ug/L	98
12) 1,1-Dichloroethene	3.63	96	504706	9.70	ug/L	80
13) Acetone	3.70	43	350536	97.38	ug/L	98
14) Carbon disulfide	3.94	76	1336428	10.18	ug/L	98
15) Methyl Acetate	4.19	43	86866	8.92	ug/L	97
16) Methylene chloride	4.40	84	414860	8.74	ug/L	98
17) Methyl tert-butyl Ether	4.90	73	529964	10.27	ug/L	98
18) trans-1,2-Dichloroethene	4.88	96	456691	10.37	ug/L	97
19) 1,1-Dichloroethane	5.69	63	781529	9.74	ug/L	95
21) 2-Butanone	6.69	43	477614	103.99	ug/L	99
22) cis-1,2-Dichloroethene	6.68	96	426831	10.85	ug/L	# 92
23) Bromochloromethane	7.05	128	115226	9.42	ug/L	95
25) Chloroform	7.23	83	794990	8.97	ug/L	100
27) 1,2-Dichloroethane	7.99	62	346025	9.48	ug/L	100
29) 1,1,1-Trichloroethane	7.43	97	691241	9.73	ug/L	99
30) Cyclohexane	7.51	56	714563	11.71	ug/L	99
31) Carbon tetrachloride	7.63	117	634064	9.96	ug/L	99
33) Benzene	7.91	78	1850722	9.95	ug/L	100
34) Trichloroethene	8.71	95	477305	9.88	ug/L	97
35) Methylcyclohexane	8.95	83	722460	11.07	ug/L	99
37) 1,2-Dichloropropane	9.00	63	366630	9.43	ug/L	100
38) Bromodichloromethane	9.28	83	429667	9.36	ug/L	97
39) cis-1,3-Dichloropropene	9.72	75	470676	10.78	ug/L	96
40) 4-Methyl-2-pentanone	9.87	43	1184923	106.54	ug/L	100

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42) Toluene	10.04	91	2003970	9.93	ug/L	98
44) trans-1,3-Dichloropropene	10.26	75	319792	10.81	ug/L	100
45) 1,1,2-Trichloroethane	10.45	97	159997	9.26	ug/L	94
47) Tetrachloroethene	10.51	164	350976	10.07	ug/L	96
48) 2-Hexanone	10.63	43	790632	106.22	ug/L	99
49) Dibromochloromethane	10.79	129	211106	10.16	ug/L	99
50) 1,2-Dibromoethane	10.89	107	141155	9.74	ug/L #	97
51) Chlorobenzene	11.32	112	1086379	9.69	ug/L	98
52) Ethylbenzene	11.39	91	2367633	10.61	ug/L	99
53) m,p-Xylene	11.50	106	876075	10.79	ug/L	93
54) o-Xylene	11.83	106	829952	11.28	ug/L	95
55) Styrene	11.84	104	1287646	10.99	ug/L	100
56) Isopropylbenzene	12.13	105	2332059	11.41	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.39	83	166749	10.09	ug/L #	94
59) 1,2,3-Trichloropropane	12.43	75	119392	9.87	ug/L	99
61) Bromoform	12.01	173	83593	9.72	ug/L	99
62) 1,3-Dichlorobenzene	13.16	146	701759	10.08	ug/L	98
63) 1,4-Dichlorobenzene	13.24	146	714249	9.31	ug/L	97
65) 1,2-Dichlorobenzene	13.53	146	558269	9.73	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.15	75	16586	8.52	ug/L	91
67) 1,3,5-Trichlorobenzene	14.30	180	430998	9.92	ug/L	97
68) 1,2,4-trichlorobenzene	14.79	180	257881	10.69	ug/L	99
69) Naphthalene	15.00	128	281287	11.93	ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	181586	10.15	ug/L	97

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

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