

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR070518\
 Data File : VR025437.D
 Acq On : 5 Jul 2018 13:27
 Operator : SY/MD
 Sample : VSTD00583
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00583

Manual Integrations
 APPROVED

MMDadoda
 7/6/2018 4:17:18 PM

Quant Time: Jul 05 14:53:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 05 12:32:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	744902	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	609282	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	247962	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	100204	3.95	ug/L	0.00
7) Chloroethane-d5	2.63	69	88243	4.73	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.63	63	297023	4.55	ug/L	-0.01
20) 2-Butanone-d5	6.59	46	328593	48.32	ug/L	0.00
24) Chloroform-d	7.20	84	501681	5.29	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.89	65	192168	5.30	ug/L	0.00
32) Benzene-d6	7.85	84	1085620	5.25	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	301283	5.13	ug/L	0.00
41) Toluene-d8	9.97	98	978656	5.36	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	81073	5.19	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	293612	54.16	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	137012	6.00	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	211115	5.02	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	193757	4.02	ug/L	98
3) Chloromethane	2.01	50	116113	3.33	ug/L	98
5) Vinyl chloride	2.16	62	106734	3.46	ug/L	93
6) Bromomethane	2.52	94	63620	4.23	ug/L	97
8) Chloroethane	2.66	64	67149	4.17	ug/L	95
9) Trichlorofluoromethane	2.97	101	174647m	3.88	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	102005	3.86	ug/L	97
12) 1,1-Dichloroethene	3.65	96	106374	4.06	ug/L	96
13) Acetone	3.71	43	129471	42.15	ug/L	98
14) Carbon disulfide	3.98	76	246449	4.47	ug/L	99
15) Methyl Acetate	4.20	43	29164	3.78	ug/L	97
16) Methylene chloride	4.40	84	94841m	3.98	ug/L	
17) Methyl tert-butyl Ether	4.89	73	359005	4.60	ug/L	98
18) trans-1,2-Dichloroethene	4.88	96	275121	5.11	ug/L	93
19) 1,1-Dichloroethane	5.69	63	457566	4.52	ug/L	98
21) 2-Butanone	6.69	43	339756	46.80	ug/L	97
22) cis-1,2-Dichloroethene	6.67	96	267253	4.76	ug/L	# 97
23) Bromochloromethane	7.05	128	79212	4.82	ug/L	93
25) Chloroform	7.23	83	441879	4.78	ug/L	99
27) 1,2-Dichloroethane	8.00	62	199308m	4.72	ug/L	
29) 1,1,1-Trichloroethane	7.43	97	301778	4.17	ug/L	97
30) Cyclohexane	7.52	56	366118	3.96	ug/L	96
31) Carbon tetrachloride	7.63	117	260136	4.09	ug/L	97
33) Benzene	7.91	78	1099627	4.60	ug/L	100
34) Trichloroethene	8.71	95	262127	4.53	ug/L	97
35) Methylcyclohexane	8.95	83	393281	4.31	ug/L	97
37) 1,2-Dichloropropane	8.99	63	249449	4.69	ug/L	100
38) Bromodichloromethane	9.28	83	251627	4.88	ug/L	100
39) cis-1,3-Dichloropropene	9.72	75	299320	4.78	ug/L	100
40) 4-Methyl-2-pentanone	9.86	43	795306	46.22	ug/L	97

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42) Toluene	10.03	91	1090704	4.25	ug/L	99
44) trans-1,3-Dichloropropene	10.26	75	213364	4.95	ug/L	96
45) 1,1,2-Trichloroethane	10.44	97	119524	4.84	ug/L	97
47) Tetrachloroethene	10.52	164	175363	4.54	ug/L	97
48) 2-Hexanone	10.63	43	528382	48.17	ug/L	97
49) Dibromochloromethane	10.78	129	123090	5.18	ug/L	98
50) 1,2-Dibromoethane	10.89	107	95134	4.81	ug/L #	96
51) Chlorobenzene	11.31	112	625928	4.56	ug/L	97
52) Ethylbenzene	11.39	91	1187149	4.67	ug/L	98
53) m,p-Xylene	11.50	106	450325	4.64	ug/L	91
54) o-Xylene	11.83	106	399360	4.60	ug/L	95
55) Styrene	11.84	104	658113	4.93	ug/L	95
56) Isopropylbenzene	12.13	105	1074678	4.61	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.38	83	116275	5.09	ug/L	91
59) 1,2,3-Trichloropropane	12.44	75	83955	5.09	ug/L	97
61) Bromoform	12.01	173	46510	5.26	ug/L #	95
62) 1,3-Dichlorobenzene	13.16	146	368023	4.23	ug/L	98
63) 1,4-Dichlorobenzene	13.24	146	389547	4.48	ug/L	96
65) 1,2-Dichlorobenzene	13.53	146	316289	4.54	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.14	75	11720	4.25	ug/L #	72
67) 1,3,5-Trichlorobenzene	14.29	180	238714	4.14	ug/L	99
68) 1,2,4-trichlorobenzene	14.79	180	170400	4.25	ug/L	98
69) Naphthalene	15.00	128	229919	4.40	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	131396	4.23	ug/L	99

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

