

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR070518\
 Data File : VR025439.D
 Acq On : 5 Jul 2018 14:33
 Operator : SY/MD
 Sample : VSTD02085
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD02085

Manual Integrations
 APPROVED

MMDadoda
 7/6/2018 4:17:20 PM

Quant Time: Jul 06 01:21:09 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	754156	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	627101	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	244464	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	422054	16.42	ug/L	0.00
7) Chloroethane-d5	2.62	69	339881	18.00	ug/L	-0.01
11) 1,1-Dichloroethene-d2	3.63	63	1193398	18.06	ug/L	-0.01
20) 2-Butanone-d5	6.59	46	1539009	223.52	ug/L	0.00
24) Chloroform-d	7.20	84	1999858	20.84	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.89	65	781687	21.28	ug/L	0.00
32) Benzene-d6	7.85	84	4126602	19.40	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	1209026	20.02	ug/L	0.00
41) Toluene-d8	9.97	98	3481906	18.52	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	371382	23.10	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	1190644	213.38	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	532262	22.64	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	790963	19.08	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	827638	16.98	ug/L	99
3) Chloromethane	2.01	50	479646	13.59	ug/L	96
5) Vinyl chloride	2.16	62	460216	14.74	ug/L	100
6) Bromomethane	2.52	94	264219	17.36	ug/L	98
8) Chloroethane	2.66	64	269622	16.54	ug/L	95
9) Trichlorofluoromethane	2.98	101	754723m	16.55	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	404331	15.11	ug/L	98
12) 1,1-Dichloroethene	3.65	96	429628	16.21	ug/L	93
13) Acetone	3.70	43	547568	176.09	ug/L	99
14) Carbon disulfide	3.98	76	1098952	19.70	ug/L	96
15) Methyl Acetate	4.19	43	129106	16.51	ug/L	99
16) Methylene chloride	4.41	84	394058m	16.34	ug/L	
17) Methyl tert-butyl Ether	4.89	73	1603015	20.29	ug/L	99
18) trans-1,2-Dichloroethene	4.88	96	1131727	20.77	ug/L	95
19) 1,1-Dichloroethane	5.69	63	1950956	19.06	ug/L	99
21) 2-Butanone	6.69	43	1458500	198.43	ug/L	96
22) cis-1,2-Dichloroethene	6.67	96	1130326	19.88	ug/L #	98
23) Bromochloromethane	7.05	128	337688	20.28	ug/L	98
25) Chloroform	7.23	83	1806298	19.30	ug/L	100
27) 1,2-Dichloroethane	7.99	62	836648	19.59	ug/L #	92
29) 1,1,1-Trichloroethane	7.43	97	1292050	17.35	ug/L	98
30) Cyclohexane	7.52	56	1571188	16.52	ug/L	95
31) Carbon tetrachloride	7.64	117	1165206	17.82	ug/L	99
33) Benzene	7.91	78	4072647	16.54	ug/L	100
34) Trichloroethene	8.71	95	1078339	18.10	ug/L	97
35) Methylcyclohexane	8.96	83	1607371	17.10	ug/L	97
37) 1,2-Dichloropropane	8.99	63	963468	17.60	ug/L	100
38) Bromodichloromethane	9.28	83	1087574	20.49	ug/L	98
39) cis-1,3-Dichloropropene	9.72	75	1319955	20.48	ug/L	95
40) 4-Methyl-2-pentanone	9.86	43	3034074	171.30	ug/L	95

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42) Toluene	10.03	91	3937139	14.92	ug/L	99
44) trans-1,3-Dichloropropene	10.27	75	962596	21.71	ug/L	93
45) 1,1,2-Trichloroethane	10.44	97	492835	19.40	ug/L	97
47) Tetrachloroethene	10.52	164	700530	17.62	ug/L	98
48) 2-Hexanone	10.64	43	2034375	180.18	ug/L	94
49) Dibromochloromethane	10.78	129	574307	23.48	ug/L	97
50) 1,2-Dibromoethane	10.89	107	428920	21.06	ug/L	97
51) Chlorobenzene	11.31	112	2334350	16.52	ug/L	98
52) Ethylbenzene	11.39	91	4265416	16.29	ug/L	100
53) m,p-Xylene	11.50	106	1682042	16.83	ug/L	91
54) o-Xylene	11.83	106	1434515	16.06	ug/L	99
55) Styrene	11.85	104	2253593	16.42	ug/L	99
56) Isopropylbenzene	12.13	105	3889554	16.20	ug/L	97
58) 1,1,1,2,2-Tetrachloroethane	12.38	83	479909	20.39	ug/L	95
59) 1,2,3-Trichloropropane	12.43	75	345704	20.36	ug/L	98
61) Bromoform	12.01	173	226820	26.01	ug/L	97
62) 1,3-Dichlorobenzene	13.16	146	1482482	17.28	ug/L	100
63) 1,4-Dichlorobenzene	13.24	146	1465328	17.08	ug/L	98
65) 1,2-Dichlorobenzene	13.53	146	1202294	17.49	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.15	75	53955	19.86	ug/L #	84
67) 1,3,5-Trichlorobenzene	14.29	180	972033	17.11	ug/L	99
68) 1,2,4-trichlorobenzene	14.79	180	713916m	18.05	ug/L	
69) Naphthalene	15.00	128	1117670	21.71	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	568967	18.59	ug/L	99

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

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