

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR092118\
 Data File : VR025800.D
 Acq On : 21 Sep 2018 14:31
 Operator : SY/MD
 Sample : VSTD00521
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00521

Manual Integrations
 APPROVED

MMDadoda
 9/24/2018 5:10:11 PM

Quant Time: Sep 21 15:29:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 21 15:16:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	532263	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	425067	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	152042	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	180897	7.95	ug/L	0.00
7) Chloroethane-d5	2.63	69	140055	7.23	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.61	63	438302	6.98	ug/L	-0.02
20) 2-Butanone-d5	6.58	46	250419	61.36	ug/L	0.00
24) Chloroform-d	7.20	84	387305	6.04	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.90	65	164719	6.14	ug/L	0.00
32) Benzene-d6	7.85	84	768351	7.23	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	204452	6.35	ug/L	0.00
41) Toluene-d8	9.97	98	708968	8.13	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	57885	4.97	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	197629	53.63	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	83047	5.38	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	123231	6.10	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	265719	4.391 ug/L	97
3) Chloromethane	2.01	50	285732	4.798 ug/L	98
5) Vinyl chloride	2.17	62	275185	4.847 ug/L	93
6) Bromomethane	2.52	94	151377	5.043 ug/L	100
8) Chloroethane	2.66	64	153835	4.921 ug/L	98
9) Trichlorofluoromethane	2.93	101	343406m	5.233 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	202682	5.102 ug/L	97
12) 1,1-Dichloroethene	3.63	96	217265	5.059 ug/L #	80
13) Acetone	3.70	43	172505	79.569 ug/L	90
14) Carbon disulfide	3.93	76	630821	4.455 ug/L	98
15) Methyl Acetate	4.20	43	52657	5.582 ug/L	95
16) Methylene chloride	4.40	84	187200	5.137 ug/L	93
17) Methyl tert-butyl Ether	4.89	73	387325	4.643 ug/L	99
18) trans-1,2-Dichloroethene	4.88	96	244858	4.616 ug/L	95
19) 1,1-Dichloroethane	5.69	63	506886	4.720 ug/L	97
21) 2-Butanone	6.69	43	341274	58.146 ug/L	98
22) cis-1,2-Dichloroethene	6.67	96	245266	4.641 ug/L	98
23) Bromochloromethane	7.05	128	62895	4.375 ug/L	91
25) Chloroform	7.23	83	464386	4.678 ug/L	98
27) 1,2-Dichloroethane	7.99	62	243570	4.893 ug/L	99
29) 1,1,1-Trichloroethane	7.43	97	416846	4.470 ug/L	99
30) Cyclohexane	7.52	56	489184	4.727 ug/L	99
31) Carbon tetrachloride	7.63	117	345391	4.284 ug/L	99
33) Benzene	7.91	78	1080067	5.036 ug/L	100
34) Trichloroethene	8.71	95	284704	4.800 ug/L	94
35) Methylcyclohexane	8.95	83	470442	4.832 ug/L	99
37) 1,2-Dichloropropane	9.00	63	243102	5.201 ug/L	98
38) Bromodichloromethane	9.28	83	270966	4.656 ug/L	98
39) cis-1,3-Dichloropropene	9.72	75	312703	4.839 ug/L	99
40) 4-Methyl-2-pentanone	9.87	43	862413	52.188 ug/L	99

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42) Toluene	10.03	91	1118373	5.141	ug/L	99
44) trans-1,3-Dichloropropene	10.26	75	215165	4.527	ug/L	99
45) 1,1,2-Trichloroethane	10.45	97	102078	5.029	ug/L	98
47) Tetrachloroethene	10.51	164	158873	4.522	ug/L	98
48) 2-Hexanone	10.63	43	559418	50.857	ug/L	99
49) Dibromochloromethane	10.79	129	110044	4.343	ug/L	96
50) 1,2-Dibromoethane	10.89	107	87330	4.722	ug/L	97
51) Chlorobenzene	11.32	112	584282	4.913	ug/L	97
52) Ethylbenzene	11.39	91	1302761	5.118	ug/L	98
53) m,p-Xylene	11.50	106	463880	4.932	ug/L	95
54) o-Xylene	11.83	106	421256	4.854	ug/L	98
55) Styrene	11.84	104	653375	4.863	ug/L	98
56) Isopropylbenzene	12.13	105	1197956	4.981	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.39	83	97304	4.599	ug/L	99
59) 1,2,3-Trichloropropane	12.43	75	77698	4.602	ug/L	100
61) Bromoform	12.01	173	34353	3.629	ug/L	95
62) 1,3-Dichlorobenzene	13.16	146	337150	4.754	ug/L	93
63) 1,4-Dichlorobenzene	13.24	146	322907	4.837	ug/L	99
65) 1,2-Dichlorobenzene	13.53	146	257725	4.878	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.14	75	10985	3.581	ug/L	97
67) 1,3,5-Trichlorobenzene	14.29	180	184998	4.585	ug/L	97
68) 1,2,4-trichlorobenzene	14.79	180	118563	4.486	ug/L	99
69) Naphthalene	15.00	128	176430	4.461	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	83152	4.395	ug/L	99

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

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