

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR090718\
 Data File : VR025684.D
 Acq On : 7 Sep 2018 11:12
 Operator : SY/MD
 Sample : VSTD01094
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD01094

Manual Integrations
 APPROVED

apatel
 9/10/2018 8:58:41 AM

Quant Time: Sep 07 11:55:00 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Fri Sep 07 11:33:39 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	754042	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	666884	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	277490	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	312052	6.36	ug/L	0.00
7) Chloroethane-d5	2.63	69	250296	5.91	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.64	63	863327	7.12	ug/L	0.00
20) 2-Butanone-d5	6.59	46	357941	95.71	ug/L	0.00
24) Chloroform-d	7.20	84	747596	8.68	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.89	65	257909	8.60	ug/L	0.00
32) Benzene-d6	7.85	84	1826454	8.38	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	485690	8.74	ug/L	0.00
41) Toluene-d8	9.97	98	1830680	9.28	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	121315	9.25	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	440547	102.65	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	213632	8.33	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	385009	8.68	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	391130	9.364 ug/L	100
3) Chloromethane	2.01	50	457203	7.396 ug/L	95
5) Vinyl chloride	2.17	62	450649	7.447 ug/L	98
6) Bromomethane	2.52	94	309040	7.506 ug/L	92
8) Chloroethane	2.66	64	246750	6.629 ug/L	99
9) Trichlorofluoromethane	2.98	101	828730m	9.435 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	447489	8.362 ug/L	97
12) 1,1-Dichloroethene	3.65	96	455405	7.690 ug/L	96
13) Acetone	3.70	43	203077	87.158 ug/L	99
14) Carbon disulfide	3.96	76	1136468	7.373 ug/L #	94
15) Methyl Acetate	4.20	43	67101	7.617 ug/L	96
16) Methylene chloride	4.40	84	380555m	7.161 ug/L	
17) Methyl tert-butyl Ether	4.89	73	612209	10.083 ug/L	98
18) trans-1,2-Dichloroethene	4.88	96	590752	9.446 ug/L	95
19) 1,1-Dichloroethane	5.69	63	906866	9.382 ug/L	98
21) 2-Butanone	6.69	43	503483	109.653 ug/L	100
22) cis-1,2-Dichloroethene	6.67	96	556916	10.362 ug/L #	93
23) Bromochloromethane	7.04	128	169013	10.259 ug/L	90
25) Chloroform	7.23	83	816000	9.717 ug/L	94
27) 1,2-Dichloroethane	7.99	62	321832	10.248 ug/L	98
29) 1,1,1-Trichloroethane	7.43	97	629186	9.698 ug/L	99
30) Cyclohexane	7.51	56	922406	11.051 ug/L	96
31) Carbon tetrachloride	7.63	117	618930	10.870 ug/L	97
33) Benzene	7.91	78	2366381	9.716 ug/L	100
34) Trichloroethene	8.71	95	547587	9.816 ug/L	98
35) Methylcyclohexane	8.96	83	1001643	11.037 ug/L	99
37) 1,2-Dichloropropane	9.00	63	507570	9.494 ug/L	100
38) Bromodichloromethane	9.28	83	465994	9.987 ug/L	95
39) cis-1,3-Dichloropropene	9.72	75	606537	11.070 ug/L	97
40) 4-Methyl-2-pentanone	9.87	43	1504441	116.170 ug/L	98

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42) Toluene	10.04	91	2527451	10.577	ug/L	98
44) trans-1,3-Dichloropropene	10.26	75	423810	10.959	ug/L	96
45) 1,1,2-Trichloroethane	10.45	97	228746	9.698	ug/L	89
47) Tetrachloroethene	10.51	164	444139	10.411	ug/L	96
48) 2-Hexanone	10.63	43	1013293	112.245	ug/L	98
49) Dibromochloromethane	10.79	129	270392	10.637	ug/L	96
50) 1,2-Dibromoethane	10.89	107	195762	10.475	ug/L	96
51) Chlorobenzene	11.32	112	1471378	9.891	ug/L	96
52) Ethylbenzene	11.39	91	2801411	10.979	ug/L	97
53) m,p-Xylene	11.50	106	1121490	10.975	ug/L	98
54) o-Xylene	11.83	106	1064300	11.690	ug/L	99
55) Styrene	11.84	104	1676301	11.397	ug/L	99
56) Isopropylbenzene	12.13	105	2724576	11.805	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.39	83	239819	9.837	ug/L	98
59) 1,2,3-Trichloropropane	12.43	75	157571	9.506	ug/L	94
61) Bromoform	12.01	173	112880	10.123	ug/L	94
62) 1,3-Dichlorobenzene	13.16	146	881621	10.278	ug/L	95
63) 1,4-Dichlorobenzene	13.24	146	911979	9.569	ug/L	99
65) 1,2-Dichlorobenzene	13.53	146	721136	9.764	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.15	75	20410	10.207	ug/L	84
67) 1,3,5-Trichlorobenzene	14.29	180	500842	10.332	ug/L	98
68) 1,2,4-trichlorobenzene	14.78	180	321541	10.688	ug/L	99
69) Naphthalene	15.00	128	392506	10.565	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	243101	10.394	ug/L	96

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

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