

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR090718\
 Data File : VR025683.D
 Acq On : 7 Sep 2018 10:39
 Operator : SY/MD
 Sample : VSTD00593
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00593

Manual Integrations
 APPROVED

apatel
 9/10/2018 8:58:37 AM

Quant Time: Sep 07 11:32:01 2018

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

Quant Title : TRACE VOA SOM01.0

QLast Update : Fri Sep 07 09:41:16 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	771100	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	638555	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	260263	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	158835	3.16	ug/L	0.00
7) Chloroethane-d5	2.63	69	131463	3.04	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.64	63	424834	3.43	ug/L	0.00
20) 2-Butanone-d5	6.59	46	168913	44.16	ug/L	0.00
24) Chloroform-d	7.20	84	369029	4.19	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.90	65	129337	4.22	ug/L	0.00
32) Benzene-d6	7.85	84	894343	4.28	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.89	67	232440	4.37	ug/L	0.00
41) Toluene-d8	9.97	98	858580	4.54	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	54461	4.34	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	195304	47.53	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	98722	4.02	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	181667	4.37	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	173071	4.052 ug/L	96
3) Chloromethane	2.01	50	224188	3.547 ug/L	99
5) Vinyl chloride	2.17	62	224408	3.626 ug/L	91
6) Bromomethane	2.52	94	162545	3.860 ug/L	87
8) Chloroethane	2.66	64	127159	3.341 ug/L	90
9) Trichlorofluoromethane	2.93	101	411986m	4.587 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	222570	4.067 ug/L	97
12) 1,1-Dichloroethene	3.65	96	227011	3.749 ug/L	80
13) Acetone	3.70	43	94614	39.709 ug/L	91
14) Carbon disulfide	3.97	76	558573	3.544 ug/L	98
15) Methyl Acetate	4.19	43	33204	3.686 ug/L #	89
16) Methylene chloride	4.40	84	195496	3.597 ug/L	97
17) Methyl tert-butyl Ether	4.89	73	296946	4.782 ug/L	99
18) trans-1,2-Dichloroethene	4.88	96	286118	4.474 ug/L	95
19) 1,1-Dichloroethane	5.69	63	446273	4.515 ug/L	97
21) 2-Butanone	6.70	43	235571	50.170 ug/L	96
22) cis-1,2-Dichloroethene	6.68	96	269184	4.898 ug/L #	96
23) Bromochloromethane	7.05	128	83726	4.970 ug/L	90
25) Chloroform	7.23	83	402299	4.685 ug/L	98
27) 1,2-Dichloroethane	7.99	62	158668	4.941 ug/L #	92
29) 1,1,1-Trichloroethane	7.43	97	302903	4.876 ug/L	96
30) Cyclohexane	7.51	56	395943	4.954 ug/L	98
31) Carbon tetrachloride	7.63	117	287237	5.268 ug/L	98
33) Benzene	7.91	78	1124727	4.823 ug/L	100
34) Trichloroethene	8.71	95	259811	4.864 ug/L	96
35) Methylcyclohexane	8.95	83	446214	5.135 ug/L	97
37) 1,2-Dichloropropane	9.00	63	246810	4.821 ug/L	99
38) Bromodichloromethane	9.28	83	226113	5.061 ug/L	90
39) cis-1,3-Dichloropropene	9.72	75	281563	5.367 ug/L	97
40) 4-Methyl-2-pentanone	9.87	43	697296	56.232 ug/L	99

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42) Toluene	10.04	91	1186225	5.184	ug/L	98
44) trans-1,3-Dichloropropene	10.26	75	186483	5.036	ug/L	96
45) 1,1,2-Trichloroethane	10.45	97	112959	5.001	ug/L	95
47) Tetrachloroethene	10.51	164	213585	5.229	ug/L	94
48) 2-Hexanone	10.63	43	477574	55.249	ug/L	99
49) Dibromochloromethane	10.79	129	129136	5.306	ug/L	96
50) 1,2-Dibromoethane	10.89	107	90104	5.035	ug/L #	98
51) Chlorobenzene	11.32	112	708599	4.975	ug/L	99
52) Ethylbenzene	11.39	91	1289757	5.279	ug/L	98
53) m,p-Xylene	11.50	106	522962	5.345	ug/L	98
54) o-Xylene	11.83	106	463791	5.320	ug/L	98
55) Styrene	11.84	104	747716	5.309	ug/L	97
56) Isopropylbenzene	12.13	105	1204424	5.450	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.39	83	108032	4.628	ug/L	91
59) 1,2,3-Trichloropropane	12.43	75	73853	4.653	ug/L	90
61) Bromoform	12.01	173	51264	4.902	ug/L #	96
62) 1,3-Dichlorobenzene	13.16	146	395140	4.911	ug/L	95
63) 1,4-Dichlorobenzene	13.24	146	427813	4.786	ug/L	98
65) 1,2-Dichlorobenzene	13.53	146	340185	4.911	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.14	75	9288	4.952	ug/L #	80
67) 1,3,5-Trichlorobenzene	14.29	180	234883	5.166	ug/L	98
68) 1,2,4-trichlorobenzene	14.79	180	139273	4.936	ug/L	98
69) Naphthalene	15.00	128	158952	4.562	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	106423	4.851	ug/L	94

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

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