

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR092018\
 Data File : VR025772.D
 Acq On : 20 Sep 2018 12:00
 Operator : SY/MD
 Sample : VSTD00511
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00511

Manual Integrations
 APPROVED

MMDadoda
 9/24/2018 5:09:18 PM

Quant Time: Sep 20 12:31:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 20 11:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	602170	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	485040	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	192200	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	125843	4.81	ug/L	0.00
7) Chloroethane-d5	2.62	69	110369	5.15	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.62	63	343577	4.80	ug/L	-0.01
20) 2-Butanone-d5	6.59	46	219830	83.18	ug/L	0.00
24) Chloroform-d	7.20	84	355660	5.94	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.90	65	148536	7.31	ug/L	0.00
32) Benzene-d6	7.85	84	590227	4.50	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	174103	4.93	ug/L	0.00
41) Toluene-d8	9.97	98	489625	3.91	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.23	79	62659	7.19	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	205463	78.80	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	84412	5.46	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	121245	4.45	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	346079	11.270 ug/L	97
3) Chloromethane	2.01	50	317616	8.426 ug/L	92
5) Vinyl chloride	2.17	62	297885	7.951 ug/L	97
6) Bromomethane	2.52	94	158463	5.909 ug/L	96
8) Chloroethane	2.66	64	166609	7.573 ug/L	100
9) Trichlorofluoromethane	2.93	101	359270m	5.201 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	214429	5.761 ug/L	99
12) 1,1-Dichloroethene	3.63	96	225944	5.752 ug/L	89
13) Acetone	3.70	43	97665	54.837 ug/L	91
14) Carbon disulfide	3.93	76	765452	8.258 ug/L	97
15) Methyl Acetate	4.19	43	40377	6.359 ug/L	93
16) Methylene chloride	4.40	84	187033	5.377 ug/L #	76
17) Methyl tert-butyl Ether	4.89	73	434797	8.997 ug/L #	91
18) trans-1,2-Dichloroethene	4.88	96	282064	5.875 ug/L #	75
19) 1,1-Dichloroethane	5.69	63	565923	7.644 ug/L	97
21) 2-Butanone	6.69	43	294334	78.309 ug/L	96
22) cis-1,2-Dichloroethene	6.67	96	282875	6.772 ug/L #	59
23) Bromochloromethane	7.05	128	74618	5.207 ug/L #	61
25) Chloroform	7.23	83	525748	7.773 ug/L	98
27) 1,2-Dichloroethane	7.99	62	263652	9.878 ug/L #	87
29) 1,1,1-Trichloroethane	7.43	97	494052	10.225 ug/L	97
30) Cyclohexane	7.51	56	565222	9.735 ug/L	89
31) Carbon tetrachloride	7.63	117	430277	9.187 ug/L	97
33) Benzene	7.91	78	1140398	6.599 ug/L	100
34) Trichloroethene	8.71	95	316541	7.558 ug/L	84
35) Methylcyclohexane	8.95	83	525961	8.137 ug/L	88
37) 1,2-Dichloropropane	8.99	63	243347	6.246 ug/L	99
38) Bromodichloromethane	9.28	83	311380	8.900 ug/L #	92
39) cis-1,3-Dichloropropene	9.72	75	343049	8.611 ug/L	99
40) 4-Methyl-2-pentanone	9.87	43	864374	89.759 ug/L #	94

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42) Toluene	10.03	91	1158192	6.548	ug/L	99
44) trans-1,3-Dichloropropene	10.26	75	260176	9.285	ug/L	95
45) 1,1,2-Trichloroethane	10.45	97	110459	6.053	ug/L	95
47) Tetrachloroethene	10.51	164	184857	5.390	ug/L	89
48) 2-Hexanone	10.63	43	589496	87.287	ug/L	93
49) Dibromochloromethane	10.78	129	134743	6.932	ug/L	96
50) 1,2-Dibromoethane	10.89	107	98599	6.802	ug/L #	92
51) Chlorobenzene	11.32	112	636408	5.724	ug/L #	84
52) Ethylbenzene	11.39	91	1349998	7.084	ug/L	97
53) m,p-Xylene	11.50	106	491961	6.415	ug/L	75
54) o-Xylene	11.83	106	454252	6.723	ug/L	74
55) Styrene	11.84	104	716627	6.587	ug/L #	75
56) Isopropylbenzene	12.13	105	1282566	7.618	ug/L #	92
58) 1,1,2,2-Tetrachloroethane	12.39	83	111582	6.278	ug/L	96
59) 1,2,3-Trichloropropane	12.43	75	89976	7.527	ug/L	95
61) Bromoform	12.01	173	56374	6.855	ug/L	97
62) 1,3-Dichlorobenzene	13.16	146	405115	6.748	ug/L	91
63) 1,4-Dichlorobenzene	13.24	146	385052	5.639	ug/L	92
65) 1,2-Dichlorobenzene	13.53	146	298951	5.772	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.14	75	17083	11.216	ug/L #	52
67) 1,3,5-Trichlorobenzene	14.29	180	228042	6.389	ug/L #	97
68) 1,2,4-trichlorobenzene	14.78	180	152394	6.961	ug/L #	97
69) Naphthalene	15.00	128	221776	9.055	ug/L	100
70) 1,2,3-Trichlorobenzene	15.18	180	104085	6.006	ug/L #	92

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

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