

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101019\
 Data File : VR026655.D
 Acq On : 10 Oct 2019 17:51
 Operator : SY/MD
 Sample : VSTD0.564
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD0.564

Manual Integrations
 APPROVED

MMDadoda
 10/11/2019 3:30:53 PM

Quant Time: Oct 11 06:36:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101019WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 11 05:48:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.48	114	196276	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.30	117	162267	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.24	152	80729	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.18	65	5057m	0.76	ug/L	0.00
7) Chloroethane-d5	2.65	69	5708	1.01	ug/L	0.02
11) 1,1-Dichloroethene-d2	3.66	63	14858m	0.84	ug/L	0.00
20) 2-Butanone-d5	6.62	46	6897m	5.61	ug/L	0.00
24) Chloroform-d	7.23	84	15246	0.62	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.91	65	6143	0.77	ug/L	0.00
32) Benzene-d6	7.88	84	29032	0.61	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.91	67	7666	0.64	ug/L	0.00
41) Toluene-d8	9.99	98	19087	0.52	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.25	79	1859	0.66	ug/L	0.00
46) 2-Hexanone-d5	10.61	63	3920	4.85	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.37	84	3700	0.59	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.53	152	7313	0.65	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.86	85	16802	0.691 ug/L	93
3) Chloromethane	2.07	50	9383m	0.756 ug/L	
5) Vinyl chloride	2.20	62	8216	0.664 ug/L	95
6) Bromomethane	2.54	94	5354	0.673 ug/L #	28
8) Chloroethane	2.68	64	4951	0.697 ug/L	89
9) Trichlorofluoromethane	2.99	101	16383	0.745 ug/L #	83
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	7543m	0.796 ug/L	
12) 1,1-Dichloroethene	3.67	96	6639	0.721 ug/L	78
13) Acetone	3.74	43	6361	6.871 ug/L	80
14) Carbon disulfide	3.98	76	39699	0.877 ug/L	99
15) Methyl Acetate	4.25	43	3143m	0.816 ug/L	
16) Methylene chloride	4.44	84	16991m	0.884 ug/L	
17) Methyl tert-butyl Ether	4.90	73	9898m	0.521 ug/L	
18) trans-1,2-Dichloroethene	4.92	96	11352	0.593 ug/L	75
19) 1,1-Dichloroethane	5.73	63	18992	0.543 ug/L #	92
21) 2-Butanone	6.73	43	7551	4.582 ug/L	99
22) cis-1,2-Dichloroethene	6.71	96	10289	0.567 ug/L #	85
23) Bromochloromethane	7.08	128	3123	0.609 ug/L #	85
25) Chloroform	7.26	83	22794	0.669 ug/L	93
27) 1,2-Dichloroethane	8.02	62	7210	0.592 ug/L #	88
29) 1,1,1-Trichloroethane	7.45	97	14845	0.554 ug/L	95
30) Cyclohexane	7.55	56	11510	0.394 ug/L	96
31) Carbon tetrachloride	7.66	117	13605	0.586 ug/L	99
33) Benzene	7.93	78	37373	0.497 ug/L	100
34) Trichloroethene	8.73	95	11044	0.591 ug/L	84
35) Methylcyclohexane	8.98	83	11718	0.409 ug/L	88
37) 1,2-Dichloropropane	9.02	63	8184	0.547 ug/L #	94
38) Bromodichloromethane	9.30	83	9640	0.596 ug/L	85
39) cis-1,3-Dichloropropene	9.74	75	7334m	0.462 ug/L	
40) 4-Methyl-2-pentanone	9.88	43	14623	3.979 ug/L	93

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42) Toluene	10.05	91	26490	0.400	ug/L	98
44) trans-1,3-Dichloropropene	10.28	75	5317	0.513	ug/L	93
45) 1,1,2-Trichloroethane	10.46	97	4396	0.680	ug/L	82
47) Tetrachloroethene	10.52	164	6659	0.588	ug/L	91
48) 2-Hexanone	10.65	43	10926	4.658	ug/L	92
49) Dibromochloromethane	10.80	129	4168	0.591	ug/L	92
50) 1,2-Dibromoethane	10.90	107	3217	0.573	ug/L #	86
51) Chlorobenzene	11.33	112	21556	0.563	ug/L	96
52) Ethylbenzene	11.41	91	31144	0.418	ug/L	96
53) m,p-Xylene	11.52	106	11478	0.428	ug/L	97
54) o-Xylene	11.84	106	9470	0.360	ug/L	90
55) Styrene	11.86	104	13172	0.350	ug/L	99
56) Isopropylbenzene	12.15	105	29736	0.399	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.40	83	4310	0.572	ug/L #	92
59) 1,2,3-Trichloropropane	12.45	75	3219	0.601	ug/L	92
61) Bromoform	12.02	173	1774	0.550	ug/L	89
62) 1,3-Dichlorobenzene	13.18	146	14990	0.512	ug/L	95
63) 1,4-Dichlorobenzene	13.26	146	16243	0.556	ug/L	93
65) 1,2-Dichlorobenzene	13.55	146	13346	0.542	ug/L #	91
66) 1,2-Dibromo-3-chloropropan	14.16	75	1050	0.842	ug/L #	76
67) 1,3,5-Trichlorobenzene	14.30	180	11312	0.484	ug/L	95
68) 1,2,4-trichlorobenzene	14.80	180	8477	0.517	ug/L	98
69) Naphthalene	15.01	128	6301	0.294	ug/L #	83
70) 1,2,3-Trichlorobenzene	15.20	180	7465	0.501	ug/L	87

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

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