

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101019\
 Data File : VR026650.D
 Acq On : 10 Oct 2019 15:04
 Operator : SY/MD
 Sample : VSTD00165
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00165

Manual Integrations
 APPROVED

MMDadoda
 10/11/2019 3:30:41 PM

Quant Time: Oct 11 06:24:34 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	193136	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.30	117	165651	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.24	152	85384	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.18	65	11653	1.78	ug/L	0.00
7) Chloroethane-d5	2.66	69	9799	1.77	ug/L	0.02
11) 1,1-Dichloroethene-d2	3.64	63	29293	1.69	ug/L	-0.01
20) 2-Butanone-d5	6.62	46	12432	10.28	ug/L	0.00
24) Chloroform-d	7.23	84	35519	1.48	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.91	65	11123	1.42	ug/L	0.00
32) Benzene-d6	7.88	84	61929	1.28	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.92	67	16244	1.32	ug/L	0.00
41) Toluene-d8	9.99	98	46679	1.24	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	3440	1.19	ug/L	0.00
46) 2-Hexanone-d5	10.60	63	7591	9.19	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.37	84	8036	1.26	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.53	152	14262	1.20	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.86	85	31245	1.306 ug/L	95
3) Chloromethane	2.07	50	15540	1.273 ug/L	83
5) Vinyl chloride	2.20	62	14416	1.185 ug/L	100
6) Bromomethane	2.56	94	9803	1.252 ug/L	99
8) Chloroethane	2.68	64	9775	1.398 ug/L	84
9) Trichlorofluoromethane	2.99	101	31989m	1.479 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.70	101	11001	1.180 ug/L #	71
12) 1,1-Dichloroethene	3.66	96	10473	1.156 ug/L #	75
13) Acetone	3.74	43	10092	11.079 ug/L	91
14) Carbon disulfide	3.98	76	71769	1.611 ug/L #	95
15) Methyl Acetate	4.22	43	4612	1.217 ug/L #	89
16) Methylene chloride	4.42	84	27019m	1.429 ug/L	
17) Methyl tert-butyl Ether	4.94	73	15680	0.839 ug/L #	90
18) trans-1,2-Dichloroethene	4.92	96	18711	0.993 ug/L	89
19) 1,1-Dichloroethane	5.72	63	36448	1.058 ug/L #	93
21) 2-Butanone	6.73	43	15711	9.688 ug/L	88
22) cis-1,2-Dichloroethene	6.70	96	16460	0.922 ug/L	94
23) Bromochloromethane	7.08	128	5678	1.125 ug/L	87
25) Chloroform	7.26	83	39373	1.174 ug/L	89
27) 1,2-Dichloroethane	8.01	62	13936	1.164 ug/L #	91
29) 1,1,1-Trichloroethane	7.46	97	28250	1.033 ug/L	96
30) Cyclohexane	7.54	56	21732	0.728 ug/L	88
31) Carbon tetrachloride	7.67	117	24923	1.051 ug/L	95
33) Benzene	7.93	78	77435	1.008 ug/L	100
34) Trichloroethene	8.73	95	19413	1.018 ug/L	93
35) Methylcyclohexane	8.97	83	24739	0.846 ug/L	91
37) 1,2-Dichloropropane	9.02	63	15990	1.047 ug/L #	92
38) Bromodichloromethane	9.30	83	16093	0.975 ug/L #	91
39) cis-1,3-Dichloropropene	9.74	75	12553	0.775 ug/L	95
40) 4-Methyl-2-pentanone	9.88	43	26654	7.104 ug/L	97

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42) Toluene	10.05	91	64414	0.954	ug/L	98
44) trans-1,3-Dichloropropene	10.28	75	9341	0.883	ug/L	100
45) 1,1,2-Trichloroethane	10.46	97	6841	1.036	ug/L	91
47) Tetrachloroethene	10.52	164	12799	1.107	ug/L	96
48) 2-Hexanone	10.65	43	18392	7.681	ug/L	93
49) Dibromochloromethane	10.80	129	7917	1.099	ug/L	84
50) 1,2-Dibromoethane	10.90	107	5538	0.967	ug/L #	87
51) Chlorobenzene	11.33	112	38169	0.977	ug/L	94
52) Ethylbenzene	11.41	91	64752	0.852	ug/L	100
53) m,p-Xylene	11.52	106	22882	0.835	ug/L	98
54) o-Xylene	11.84	106	19459	0.725	ug/L	99
55) Styrene	11.86	104	31275	0.813	ug/L	98
56) Isopropylbenzene	12.14	105	63847	0.840	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.40	83	7266	0.945	ug/L #	93
59) 1,2,3-Trichloropropane	12.45	75	5237	0.958	ug/L	90
61) Bromoform	12.03	173	2988	0.876	ug/L #	82
62) 1,3-Dichlorobenzene	13.18	146	28944	0.935	ug/L	94
63) 1,4-Dichlorobenzene	13.26	146	29956	0.969	ug/L	96
65) 1,2-Dichlorobenzene	13.55	146	25507	0.980	ug/L	92
66) 1,2-Dibromo-3-chloropropan	14.16	75	1360	1.031	ug/L #	44
67) 1,3,5-Trichlorobenzene	14.31	180	19674	0.796	ug/L	92
68) 1,2,4-trichlorobenzene	14.80	180	14556	0.839	ug/L	95
69) Naphthalene	15.02	128	12905	0.570	ug/L	98
70) 1,2,3-Trichlorobenzene	15.20	180	14186	0.899	ug/L	91

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

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