

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR112118\
 Data File : VR026255.D
 Acq On : 21 Nov 2018 11:37
 Operator : SY/MD
 Sample : VSTD0.596
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD0.596

Manual Integrations
 APPROVED

Quant Time: Nov 27 06:19:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 27 06:08:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	569132	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	473489	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	169099	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	30334	0.60	ug/L	0.00
7) Chloroethane-d5	2.63	69	25504	0.60	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.61	63	72375	0.59	ug/L	-0.02
20) 2-Butanone-d5	6.59	46	17604	4.58	ug/L	0.00
24) Chloroform-d	7.20	84	49368	0.57	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.89	65	17869	0.53	ug/L	0.00
32) Benzene-d6	7.85	84	82227	0.50	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.89	67	23168	0.56	ug/L	0.00
41) Toluene-d8	9.97	98	71915	0.47	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.23	79	5501	0.49	ug/L	0.00
46) 2-Hexanone-d5	10.60	63	9464	3.70	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.37	84	9318	0.55	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	15360	0.53	ug/L	0.00

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11/27/2018 11:06:11 AM

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	22883	0.58	ug/L	# 88
3) Chloromethane	2.02	50	34859	0.65	ug/L	96
5) Vinyl chloride	2.16	62	33818	0.63	ug/L	94
6) Bromomethane	2.52	94	23195	0.65	ug/L	90
8) Chloroethane	2.65	64	21437	0.64	ug/L	96
9) Trichlorofluoromethane	2.95	101	52004m	0.61	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	29485	0.63	ug/L	92
12) 1,1-Dichloroethene	3.63	96	31362	0.62	ug/L	# 60
13) Acetone	3.70	43	17379	4.94	ug/L	87
14) Carbon disulfide	3.93	76	75873	0.59	ug/L	95
15) Methyl Acetate	4.20	43	5839	0.61	ug/L	# 89
16) Methylene chloride	4.41	84	32273	0.70	ug/L	95
17) Methyl tert-butyl Ether	4.90	73	28488	0.57	ug/L	96
18) trans-1,2-Dichloroethene	4.88	96	24514	0.57	ug/L	89
19) 1,1-Dichloroethane	5.69	63	45806	0.58	ug/L	95
21) 2-Butanone	6.69	43	22616	5.04	ug/L	98
22) cis-1,2-Dichloroethene	6.67	96	19271	0.50	ug/L	# 75
23) Bromochloromethane	7.05	128	7407	0.62	ug/L	94
25) Chloroform	7.23	83	57941	0.67	ug/L	99
27) 1,2-Dichloroethane	7.99	62	21728	0.61	ug/L	98
29) 1,1,1-Trichloroethane	7.43	97	37079	0.57	ug/L	94
30) Cyclohexane	7.52	56	23692	0.42	ug/L	# 90
31) Carbon tetrachloride	7.64	117	32042	0.55	ug/L	94
33) Benzene	7.91	78	93009	0.54	ug/L	100
34) Trichloroethene	8.71	95	25459	0.57	ug/L	90
35) Methylcyclohexane	8.95	83	27395	0.46	ug/L	87
37) 1,2-Dichloropropane	8.99	63	20141	0.56	ug/L	99
38) Bromodichloromethane	9.28	83	23906	0.56	ug/L	# 95
39) cis-1,3-Dichloropropene	9.72	75	19025	0.47	ug/L	98
40) 4-Methyl-2-pentanone	9.87	43	47048	4.59	ug/L	97

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42) Toluene	10.03	91	99788	0.54	ug/L	98
44) trans-1,3-Dichloropropene	10.26	75	12683	0.46	ug/L	99
45) 1,1,2-Trichloroethane	10.45	97	9380	0.59	ug/L	92
47) Tetrachloroethene	10.51	164	18229	0.57	ug/L	96
48) 2-Hexanone	10.64	43	31660	4.61	ug/L #	93
49) Dibromochloromethane	10.79	129	10225	0.53	ug/L	88
50) 1,2-Dibromoethane	10.89	107	6996	0.52	ug/L #	95
51) Chlorobenzene	11.32	112	59785	0.58	ug/L	97
52) Ethylbenzene	11.39	91	104583	0.51	ug/L	98
53) m,p-Xylene	11.51	106	33648	0.45	ug/L	96
54) o-Xylene	11.83	106	29783	0.44	ug/L	85
55) Styrene	11.84	104	50520	0.47	ug/L	98
56) Isopropylbenzene	12.13	105	84324	0.45	ug/L	96
58) 1,1,2,2-Tetrachloroethane	12.39	83	8504	0.56	ug/L #	88
59) 1,2,3-Trichloropropane	12.43	75	6653	0.60	ug/L #	85
61) Bromoform	12.01	173	3537	0.53	ug/L	93
62) 1,3-Dichlorobenzene	13.16	146	30298	0.56	ug/L	84
63) 1,4-Dichlorobenzene	13.24	146	36902	0.62	ug/L	97
65) 1,2-Dichlorobenzene	13.53	146	24794	0.56	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.14	75	1332m	0.89	ug/L	
67) 1,3,5-Trichlorobenzene	14.30	180	18583	0.55	ug/L	97
68) 1,2,4-trichlorobenzene	14.78	180	9870	0.53	ug/L	92
69) Naphthalene	15.00	128	7891	0.43	ug/L #	95
70) 1,2,3-Trichlorobenzene	15.18	180	7668	0.56	ug/L	90

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11/27/2018 11:06:11 AM

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

