

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101119\
 Data File : VR026663.D
 Acq On : 11 Oct 2019 12:10
 Operator : SY/MD
 Sample : VSTD02063
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD02063

Quant Time: Oct 14 05:36:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 14 05:32:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.48	114	213600	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.30	117	172325	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.24	152	82013	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.19	65	278283	22.53	ug/L	0.00
7) Chloroethane-d5	2.65	69	221977	20.50	ug/L	0.01
11) 1,1-Dichloroethene-d2	3.66	63	629379	20.41	ug/L	0.00
20) 2-Butanone-d5	6.62	46	447229	262.73	ug/L	0.00
24) Chloroform-d	7.23	84	777309	20.84	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.92	65	268702	19.90	ug/L	0.00
32) Benzene-d6	7.88	84	1619565	22.21	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.92	67	418747	22.18	ug/L	0.00
41) Toluene-d8	9.99	98	1352997	22.85	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.25	79	112580	22.27	ug/L	0.00
46) 2-Hexanone-d5	10.60	63	333443	267.23	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.37	84	180502	20.89	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.53	152	320362	20.40	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.86	85	690108	20.040 ug/L	100
3) Chloromethane	2.07	50	395248	22.341 ug/L	97
5) Vinyl chloride	2.20	62	373378	22.075 ug/L	97
6) Bromomethane	2.55	94	228216	20.336 ug/L	91
8) Chloroethane	2.68	64	208661	21.199 ug/L	98
9) Trichlorofluoromethane	2.99	101	618069	19.355 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	3.70	101	271883	20.105 ug/L	# 73
12) 1,1-Dichloroethene	3.67	96	268483	21.055 ug/L	89
13) Acetone	3.73	43	238039	192.108 ug/L	76
14) Carbon disulfide	3.98	76	1914066	21.980 ug/L	99
15) Methyl Acetate	4.22	43	101058	19.320 ug/L	99
16) Methylene chloride	4.43	84	464799	17.325 ug/L	96
17) Methyl tert-butyl Ether	4.93	73	508317	22.470 ug/L	99
18) trans-1,2-Dichloroethene	4.92	96	515714	20.843 ug/L	98
19) 1,1-Dichloroethane	5.72	63	918212	21.402 ug/L	95
21) 2-Butanone	6.72	43	486903	244.891 ug/L	96
22) cis-1,2-Dichloroethene	6.70	96	490155	21.818 ug/L	# 92
23) Bromochloromethane	7.08	128	130292	19.979 ug/L	91
25) Chloroform	7.26	83	792272	18.728 ug/L	95
27) 1,2-Dichloroethane	8.01	62	327528	20.239 ug/L	99
29) 1,1,1-Trichloroethane	7.46	97	648510	20.881 ug/L	99
30) Cyclohexane	7.54	56	959424	27.155 ug/L	97
31) Carbon tetrachloride	7.66	117	605018	20.944 ug/L	99
33) Benzene	7.93	78	1906860	21.496 ug/L	100
34) Trichloroethene	8.73	95	483456	20.738 ug/L	95
35) Methylcyclohexane	8.97	83	860296	24.742 ug/L	98
37) 1,2-Dichloropropane	9.02	63	378828	21.398 ug/L	# 98
38) Bromodichloromethane	9.30	83	416309	20.937 ug/L	97
39) cis-1,3-Dichloropropene	9.73	75	487579	25.006 ug/L	96
40) 4-Methyl-2-pentanone	9.88	43	1073180	255.699 ug/L	99

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42) Toluene	10.05	91	1791239	22.718	ug/L	96
44) trans-1,3-Dichloropropene	10.28	75	312042	24.513	ug/L	97
45) 1,1,2-Trichloroethane	10.46	97	163442	19.528	ug/L	95
47) Tetrachloroethene	10.53	164	291711	20.155	ug/L	97
48) 2-Hexanone	10.65	43	676306	240.214	ug/L	98
49) Dibromochloromethane	10.80	129	183199	20.533	ug/L	97
50) 1,2-Dibromoethane	10.90	107	144882	20.905	ug/L #	97
51) Chlorobenzene	11.33	112	959732	20.457	ug/L	98
52) Ethylbenzene	11.41	91	2030358	23.288	ug/L	100
53) m,p-Xylene	11.52	106	742810	23.088	ug/L	95
54) o-Xylene	11.84	106	683647	23.223	ug/L	95
55) Styrene	11.86	104	967840	22.751	ug/L	92
56) Isopropylbenzene	12.15	105	1997579	23.061	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.40	83	181402	20.621	ug/L	98
59) 1,2,3-Trichloropropane	12.45	75	131522	19.983	ug/L	97
61) Bromoform	12.02	173	78132	22.174	ug/L	97
62) 1,3-Dichlorobenzene	13.18	146	660002	21.180	ug/L	99
63) 1,4-Dichlorobenzene	13.26	146	622428	19.639	ug/L	96
65) 1,2-Dichlorobenzene	13.55	146	541411	20.183	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.16	75	26769	17.444	ug/L #	80
67) 1,3,5-Trichlorobenzene	14.31	180	529863	22.149	ug/L	96
68) 1,2,4-trichlorobenzene	14.80	180	424012	23.156	ug/L	99
69) Naphthalene	15.02	128	602599	29.112	ug/L	99
70) 1,2,3-Trichlorobenzene	15.20	180	351073	21.447	ug/L	100

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

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