

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR022219\
 Data File : VR026365.D
 Acq On : 22 Feb 2019 16:15
 Operator : SY/MD
 Sample : VSTD01084
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD01084

Quant Time: Feb 23 04:16:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Feb 23 04:12:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	590367	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	492417	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	199317	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	510007	10.56	ug/L	0.00
7) Chloroethane-d5	2.61	69	409056	9.91	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.60	63	1248200	10.45	ug/L	0.00
20) 2-Butanone-d5	6.58	46	460040	127.11	ug/L	0.00
24) Chloroform-d	7.20	84	888894	10.43	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.89	65	355856	11.06	ug/L	0.00
32) Benzene-d6	7.85	84	1777807	11.18	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.89	67	444888	11.03	ug/L	0.00
41) Toluene-d8	9.96	98	1709193	11.66	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.23	79	126838	11.64	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	382757	139.59	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	165494	10.43	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	319049	10.16	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.82	85	482217	10.797 ug/L	96
3) Chloromethane	2.00	50	614207	10.456 ug/L	99
5) Vinyl chloride	2.15	62	584218	10.392 ug/L	96
6) Bromomethane	2.51	94	345069	9.408 ug/L	95
8) Chloroethane	2.65	64	342461	9.821 ug/L	99
9) Trichlorofluoromethane	2.93	101	813777	9.336 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	3.66	101	451992	9.771 ug/L	98
12) 1,1-Dichloroethene	3.62	96	507460	10.020 ug/L	89
13) Acetone	3.69	43	366603	99.681 ug/L	99
14) Carbon disulfide	3.92	76	1621065	10.217 ug/L	98
15) Methyl Acetate	4.19	43	100799	9.748 ug/L	96
16) Methylene chloride	4.40	84	407697	8.739 ug/L	94
17) Methyl tert-butyl Ether	4.88	73	512774	10.451 ug/L	99
18) trans-1,2-Dichloroethene	4.88	96	474919	10.098 ug/L	92
19) 1,1-Dichloroethane	5.69	63	868269	10.534 ug/L	99
21) 2-Butanone	6.68	43	541979	122.260 ug/L	98
22) cis-1,2-Dichloroethene	6.67	96	444122	11.120 ug/L	# 97
23) Bromochloromethane	7.04	128	120153	9.925 ug/L	89
25) Chloroform	7.23	83	833873	10.304 ug/L	94
27) 1,2-Dichloroethane	7.99	62	392916	10.779 ug/L	98
29) 1,1,1-Trichloroethane	7.43	97	713378	9.855 ug/L	100
30) Cyclohexane	7.51	56	812464	13.784 ug/L	99
31) Carbon tetrachloride	7.63	117	648974	9.757 ug/L	100
33) Benzene	7.90	78	1957056	10.931 ug/L	100
34) Trichloroethene	8.71	95	481414	10.593 ug/L	95
35) Methylcyclohexane	8.95	83	770604	12.704 ug/L	98
37) 1,2-Dichloropropane	8.99	63	403873	10.357 ug/L	# 97
38) Bromodichloromethane	9.28	83	466308	10.665 ug/L	93
39) cis-1,3-Dichloropropene	9.72	75	516326	12.569 ug/L	99
40) 4-Methyl-2-pentanone	9.86	43	1345069	132.308 ug/L	99

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42) Toluene	10.03	91	2038555	11.256	ug/L	98
44) trans-1,3-Dichloropropene	10.26	75	369579	12.168	ug/L	95
45) 1,1,2-Trichloroethane	10.44	97	159985	9.729	ug/L	94
47) Tetrachloroethene	10.51	164	349688	10.469	ug/L	99
48) 2-Hexanone	10.63	43	892153	127.752	ug/L	99
49) Dibromochloromethane	10.78	129	214083	10.059	ug/L	98
50) 1,2-Dibromoethane	10.88	107	141953	10.668	ug/L	93
51) Chlorobenzene	11.31	112	1054971	10.057	ug/L	99
52) Ethylbenzene	11.39	91	2355001	11.651	ug/L	99
53) m,p-Xylene	11.50	106	848760	11.510	ug/L	94
54) o-Xylene	11.83	106	790876	12.360	ug/L	98
55) Styrene	11.84	104	1212180	12.009	ug/L	99
56) Isopropylbenzene	12.13	105	2267229	12.530	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.39	83	156114	10.093	ug/L	95
59) 1,2,3-Trichloropropane	12.43	75	118304	10.594	ug/L	98
61) Bromoform	12.01	173	88338	9.728	ug/L	98
62) 1,3-Dichlorobenzene	13.16	146	644683	10.780	ug/L	100
63) 1,4-Dichlorobenzene	13.24	146	656973	9.484	ug/L	97
65) 1,2-Dichlorobenzene	13.53	146	510749	9.979	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.14	75	17703	9.021	ug/L	97
67) 1,3,5-Trichlorobenzene	14.29	180	399520	10.360	ug/L	97
68) 1,2,4-trichlorobenzene	14.78	180	239700	11.367	ug/L	99
69) Naphthalene	15.00	128	256702	12.902	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	171415	10.718	ug/L	98

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

