

Data Path : Z:\voasrv\HPCHEM1\MSVOA R\Data\VR112219\
 Data File : VR026683.D
 Acq On : 22 Nov 2019 12:21
 Operator : SY/MD
 Sample : VSTD02065
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 22 14:26:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 22 14:23:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.48	114	275463	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.30	117	215137	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.24	152	99126	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.19	65	284586	15.68	ug/L	0.02
7) Chloroethane-d5	2.63	69	237312	14.79	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.64	63	664184	15.69	ug/L	0.01
20) 2-Butanone-d5	6.62	46	452914	231.17	ug/L	0.00
24) Chloroform-d	7.22	84	746287	16.45	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.91	65	271438	18.21	ug/L	0.00
32) Benzene-d6	7.87	84	1648433	18.72	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.92	67	449799	18.93	ug/L	0.00
41) Toluene-d8	9.98	98	1285016	19.35	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.25	79	101408	20.58	ug/L	0.00
46) 2-Hexanone-d5	10.60	63	338054	221.18	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.37	84	173135	17.10	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.53	152	308848	18.05	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	570193	15.591 ug/L	98
3) Chloromethane	2.07	50	372858	15.838 ug/L	96
5) Vinyl chloride	2.20	62	353509	15.066 ug/L	93
6) Bromomethane	2.54	94	219406	16.460 ug/L	88
8) Chloroethane	2.67	64	203661	16.914 ug/L	89
9) Trichlorofluoromethane	2.98	101	593646	17.180 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	248676	18.126 ug/L	98
12) 1,1-Dichloroethene	3.66	96	245048	17.609 ug/L	74
13) Acetone	3.72	43	255805	179.049 ug/L	94
14) Carbon disulfide	3.97	76	1512537	16.820 ug/L	97
15) Methyl Acetate	4.22	43	104050	16.815 ug/L	93
16) Methylene chloride	4.42	84	451057	16.035 ug/L	92
17) Methyl tert-butyl Ether	4.93	73	497638	22.253 ug/L	96
18) trans-1,2-Dichloroethene	4.90	96	492008	18.450 ug/L	92
19) 1,1-Dichloroethane	5.71	63	946152	18.372 ug/L	98
21) 2-Butanone	6.71	43	527623	211.811 ug/L	100
22) cis-1,2-Dichloroethene	6.70	96	472724	20.755 ug/L #	98
23) Bromochloromethane	7.07	128	125580	17.786 ug/L	90
25) Chloroform	7.25	83	773681	13.824 ug/L	97
27) 1,2-Dichloroethane	8.01	62	327801	17.869 ug/L #	89
29) 1,1,1-Trichloroethane	7.45	97	602771	19.422 ug/L	97
30) Cyclohexane	7.54	56	921230	21.666 ug/L	97
31) Carbon tetrachloride	7.66	117	525956	19.633 ug/L	98
33) Benzene	7.93	78	1904078	19.511 ug/L	100
34) Trichloroethene	8.72	95	478494	21.039 ug/L	96
35) Methylcyclohexane	8.97	83	802643	20.911 ug/L	98
37) 1,2-Dichloropropane	9.01	63	414851	19.009 ug/L	98
38) Bromodichloromethane	9.30	83	408018	19.278 ug/L #	97
39) cis-1,3-Dichloropropene	9.73	75	493857	24.646 ug/L	97
40) 4-Methyl-2-pentanone	9.88	43	1167323	217.992 ug/L	97

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42) Toluene	10.05	91	1729311	20.578	ug/L	99
44) trans-1,3-Dichloropropene	10.27	75	304487	22.326	ug/L	94
45) 1,1,2-Trichloroethane	10.46	97	155340	18.891	ug/L	93
47) Tetrachloroethene	10.52	164	291149	19.940	ug/L	95
48) 2-Hexanone	10.65	43	706588	193.769	ug/L	98
49) Dibromochloromethane	10.80	129	180482	20.592	ug/L	94
50) 1,2-Dibromoethane	10.90	107	136755	20.017	ug/L	97
51) Chlorobenzene	11.33	112	899413	19.270	ug/L	97
52) Ethylbenzene	11.41	91	1870473	20.377	ug/L	99
53) m,p-Xylene	11.52	106	685331	21.048	ug/L	96
54) o-Xylene	11.84	106	638968	21.192	ug/L	95
55) Styrene	11.86	104	884598	20.327	ug/L	94
56) Isopropylbenzene	12.14	105	1844251	21.355	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.40	83	164955	17.064	ug/L	96
59) 1,2,3-Trichloropropane	12.45	75	128705	17.833	ug/L	99
61) Bromoform	12.02	173	77973	18.827	ug/L	99
62) 1,3-Dichlorobenzene	13.18	146	648725	19.868	ug/L	97
63) 1,4-Dichlorobenzene	13.26	146	612258	17.895	ug/L	95
65) 1,2-Dichlorobenzene	13.54	146	539164	19.272	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.16	75	25599	16.509	ug/L #	82
67) 1,3,5-Trichlorobenzene	14.30	180	573782	21.760	ug/L	99
68) 1,2,4-trichlorobenzene	14.80	180	404943	22.639	ug/L	96
69) Naphthalene	15.02	128	543665	27.336	ug/L	100
70) 1,2,3-Trichlorobenzene	15.20	180	322168	21.213	ug/L	98

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

