

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010721\
 Data File : VX020523.D
 Acq On : 06 Jan 2021 17:06
 Operator : JC/MD
 Sample : VSTD00533
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005403

Quant Time: Jan 06 17:35:27 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM010721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 06 15:06:45 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.830	114	337375	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.092	117	324111	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.061	152	150163	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.386	65	11492	4.84	ug/L	0.00
7) Chloroethane-d5	1.691	69	9063	4.96	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.343	63	23191	4.92	ug/L	0.00
21) 2-Butanone-d5	4.532	46	14161	9.31	ug/L	0.00
24) Chloroform-d	5.141	84	19010	4.30	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.025	65	13822	4.27	ug/L	0.00
32) Benzene-d6	6.044	84	41046	4.67	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.367	67	12567	4.60	ug/L	0.00
41) Toluene-d8	8.696	98	35487	4.16	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.988	79	5404	3.57	ug/L	0.00
47) 2-Hexanone-d5	9.427	63	9122	8.00	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.232	84	17722	4.82	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.360	152	12715	4.30	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	18522	6.21	ug/L	99
3) Chloromethane	1.313	50	16539	7.00	ug/L	98
5) Vinyl chloride	1.392	62	17006	6.53	ug/L	99
6) Bromomethane	1.630	94	11124	8.01	ug/L	95
8) Chloroethane	1.709	64	10511	6.89	ug/L	89
9) Trichlorofluoromethane	1.916	101	22102	5.37	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.367	101	13387	5.80	ug/L	98
12) 1,1-Dichloroethene	2.355	96	12832	5.88	ug/L	90
13) Acetone	2.416	43	16287	14.18	ug/L	100
14) Carbon disulfide	2.550	76	42295	6.35	ug/L	100
15) Methyl Acetate	2.745	43	15048	6.31	ug/L	98
16) Methylene chloride	2.831	84	16551	6.83	ug/L	99
17) trans-1,2-Dichloroethene	3.142	96	14412	6.27	ug/L	99
18) Methyl tert-butyl Ether	3.166	73	40160	5.51	ug/L	98
19) 1,1-Dichloroethane	3.666	63	25770	6.07	ug/L	95
20) cis-1,2-Dichloroethene	4.562	96	14918	5.91	ug/L	99
22) 2-Butanone	4.635	43	22083	12.81	ug/L	96
23) Bromochloromethane	4.983	128	8274	6.08	ug/L	84
25) Chloroform	5.172	83	28527	6.04	ug/L	92
27) 1,2-Dichloroethane	6.159	62	20896	5.65	ug/L	99
29) Cyclohexane	5.550	56	20051	5.53	ug/L	98
30) 1,1,1-Trichloroethane	5.458	97	22131	5.16	ug/L	99
31) Carbon tetrachloride	5.745	117	18420	4.82	ug/L	96
33) Benzene	6.111	78	57685	6.16	ug/L	100
34) Trichloroethene	7.184	95	14898	5.82	ug/L	94
35) Methylcyclohexane	7.434	83	20732	5.52	ug/L	99
37) 1,2-Dichloropropane	7.488	63	14875	6.05	ug/L	98
38) Bromodichloromethane	7.873	83	18239	5.31	ug/L	98
39) cis-1,3-Dichloropropene	8.415	75	19666	5.03	ug/L	95
40) 4-Methyl-2-pentanone	8.616	43	34748	10.67	ug/L	98
42) Toluene	8.763	91	57340	5.71	ug/L	100
44) trans-1,3-Dichloropropene	9.019	75	18849	4.76	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.195	97	14669	6.22	ug/L	99
46) Tetrachloroethene	9.317	164	11322	5.46	ug/L	96
48) 2-Hexanone	9.470	43	26642	10.45	ug/L	95
49) Dibromochloromethane	9.561	129	13699	4.78	ug/L	93
50) 1,2-Dibromoethane	9.653	107	14462	5.62	ug/L	99
51) Chlorobenzene	10.122	112	37831	5.72	ug/L	97
52) Ethylbenzene	10.232	91	59664	5.37	ug/L	97
53) m,p-Xylene	10.342	106	21604	5.15	ug/L	98
54) o-Xylene	10.683	106	20624	5.12	ug/L	100
55) Styrene	10.695	104	33304	4.79	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.250	83	23290	6.36	ug/L	99
59) Bromoform	10.842	173	9752	5.01	ug/L	99
60) Isopropylbenzene	11.000	105	54959	5.62	ug/L	99
61) 1,2,3-Trichloropropane	11.274	75	19574	6.95	ug/L	99
62) 1,3,5-Trimethylbenzene	11.488	105	40371	4.98	ug/L	97
63) 1,2,4-Trimethylbenzene	11.793	105	40407	4.92	ug/L	99
64) 1,3-Dichlorobenzene	12.006	146	26393	5.54	ug/L	97
65) 1,4-Dichlorobenzene	12.079	146	27318	5.68	ug/L	99
67) 1,2-Dichlorobenzene	12.378	146	27056	5.83	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.981	75	4460	5.53	ug/L	94
69) 1,3,5-Trichlorobenzene	13.152	180	18240	5.65	ug/L	98
70) 1,2,4-trichlorobenzene	13.628	180	14795	5.06	ug/L	97
71) Naphthalene	13.817	128	42514	4.60	ug/L	99
72) 1,2,3-Trichlorobenzene	14.000	180	14847	5.08	ug/L	100

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

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