

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010721\
 Data File : VX020516.D
 Acq On : 06 Jan 2021 13:39
 Operator : JC/MD
 Sample : VSTD010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010404

Quant Time: Jan 06 15:07:13 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXML010721WMA.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	6.824	114	328711	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.092	117	329575	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.061	152	148871	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.386	65	25152	10.87	ug/L	0.00
7) Chloroethane-d5	1.691	69	20655	11.61	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.343	63	45721	9.95	ug/L	0.00
21) 2-Butanone-d5	4.525	46	29559	19.94	ug/L	0.00
24) Chloroform-d	5.129	84	39703	9.23	ug/L	-0.01
26) 1,2-Dichloroethane-d4	6.025	65	28279	8.96	ug/L	0.00
32) Benzene-d6	6.043	84	89707	10.04	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.366	67	28168	10.14	ug/L	0.00
41) Toluene-d8	8.689	98	81085	9.35	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.988	79	12644	8.22	ug/L	0.00
47) 2-Hexanone-d5	9.421	63	20809	17.94	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.232	84	36910	9.88	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.359	152	27881	9.52	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	27066	9.31	ug/L	99
3) Chloromethane	1.313	50	24628	10.70	ug/L	98
5) Vinyl chloride	1.392	62	26130	10.30	ug/L	99
6) Bromomethane	1.624	94	15566	11.50	ug/L	98
8) Chloroethane	1.709	64	15986	10.76	ug/L	99
9) Trichlorofluoromethane	1.916	101	33893	8.45	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.367	101	20471	9.10	ug/L	98
12) 1,1-Dichloroethene	2.355	96	19446	9.14	ug/L	95
13) Acetone	2.416	43	24803	22.16	ug/L	99
14) Carbon disulfide	2.550	76	63171	9.74	ug/L	98
15) Methyl Acetate	2.745	43	21534	9.26	ug/L	99
16) Methylene chloride	2.831	84	24140	10.22	ug/L	99
17) trans-1,2-Dichloroethene	3.135	96	21178	9.46	ug/L	96
18) Methyl tert-butyl Ether	3.166	73	59773	8.42	ug/L	99
19) 1,1-Dichloroethane	3.666	63	38768	9.38	ug/L	100
20) cis-1,2-Dichloroethene	4.556	96	22365	9.09	ug/L	100
22) 2-Butanone	4.629	43	32465	19.33	ug/L	99
23) Bromochloromethane	4.977	128	12255	9.25	ug/L	96
25) Chloroform	5.166	83	45714	9.93	ug/L	94
27) 1,2-Dichloroethane	6.153	62	31558	8.75	ug/L	98
29) Cyclohexane	5.544	56	29833	8.09	ug/L	99
30) 1,1,1-Trichloroethane	5.458	97	34188	7.83	ug/L	98
31) Carbon tetrachloride	5.751	117	28785	7.40	ug/L	98
33) Benzene	6.111	78	86470	9.08	ug/L	100
34) Trichloroethene	7.184	95	22437	8.62	ug/L	98
35) Methylcyclohexane	7.433	83	30028	7.86	ug/L	96
37) 1,2-Dichloropropane	7.482	63	22060	8.83	ug/L	98
38) Bromodichloromethane	7.866	83	28201	8.07	ug/L	97
39) cis-1,3-Dichloropropene	8.409	75	30862	7.76	ug/L	100
40) 4-Methyl-2-pentanone	8.616	43	53021	16.02	ug/L	98
42) Toluene	8.763	91	91299	8.94	ug/L	99
44) trans-1,3-Dichloropropene	9.019	75	29628	7.36	ug/L	98

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45) 1,1,2-Trichloroethane	9.195	97	22891	9.54	ug/L	92
46) Tetrachloroethene	9.317	164	17970	8.53	ug/L	95
48) 2-Hexanone	9.470	43	43606	16.82	ug/L	98
49) Dibromochloromethane	9.561	129	22012	7.55	ug/L	97
50) 1,2-Dibromoethane	9.653	107	22648	8.65	ug/L	99
51) Chlorobenzene	10.122	112	58533	8.70	ug/L	97
52) Ethylbenzene	10.232	91	92892	8.22	ug/L	100
53) m,p-Xylene	10.342	106	33645	7.88	ug/L	94
54) o-Xylene	10.683	106	32024	7.82	ug/L	98
55) Styrene	10.695	104	53122	7.51	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.250	83	33620	9.03	ug/L	100
59) Bromoform	10.835	173	14980	7.77	ug/L	98
60) Isopropylbenzene	11.000	105	82524	8.51	ug/L	100
61) 1,2,3-Trichloropropane	11.274	75	27923	10.00	ug/L	98
62) 1,3,5-Trimethylbenzene	11.488	105	61847	7.69	ug/L	100
63) 1,2,4-Trimethylbenzene	11.792	105	61788	7.59	ug/L	99
64) 1,3-Dichlorobenzene	12.006	146	39845	8.43	ug/L	97
65) 1,4-Dichlorobenzene	12.079	146	40641	8.52	ug/L	98
67) 1,2-Dichlorobenzene	12.372	146	40647	8.83	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.981	75	6666	8.34	ug/L	95
69) 1,3,5-Trichlorobenzene	13.152	180	27207	8.49	ug/L	99
70) 1,2,4-trichlorobenzene	13.628	180	20806	7.18	ug/L	96
71) Naphthalene	13.816	128	60764	6.63	ug/L	100
72) 1,2,3-Trichlorobenzene	13.999	180	22550	7.78	ug/L	99

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

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