

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080422\
 Data File : VX030385.D
 Acq On : 04 Aug 2022 11:07
 Operator : JC/MD
 Sample : VSTD01002
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010602

Quant Time: Aug 05 04:57:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 04:51:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	327575	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	281835	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	142398	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	20630	9.807	ug/L	0.00
7) Chloroethane-d5	1.666	69	16386	11.050	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	40054	10.066	ug/L	0.00
21) 2-Butanone-d5	4.471	46	37741	19.363	ug/L	0.00
24) Chloroform-d	5.068	84	42587	9.834	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	30396	10.338	ug/L	0.00
32) Benzene-d6	5.976	84	81370	10.079	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	26539	10.132	ug/L	0.00
41) Toluene-d8	8.653	98	76769	10.088	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	12849	9.861	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	25887	19.390	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	34853	10.129	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	27829	10.076	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	25809	10.471	ug/L	96
3) Chloromethane	1.294	50	23393	11.037	ug/L	98
5) Vinyl chloride	1.374	62	24534	10.837	ug/L	97
6) Bromomethane	1.611	94	11702	10.999	ug/L	92
8) Chloroethane	1.691	64	14509	11.251	ug/L	100
9) Trichlorofluoromethane	1.892	101	36663	10.957	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	20656	10.379	ug/L	96
12) 1,1-Dichloroethene	2.325	96	19705	10.747	ug/L #	67
13) Acetone	2.392	43	31445	22.004	ug/L	100
14) Carbon disulfide	2.514	76	63517	10.689	ug/L	99
15) Methyl Acetate	2.709	43	32535	11.003	ug/L	97
16) Methylene chloride	2.788	84	24884	10.703	ug/L	94
17) trans-1,2-Dichloroethene	3.099	96	23329	10.983	ug/L	92
18) Methyl tert-butyl Ether	3.117	73	77201	10.687	ug/L	98
19) 1,1-Dichloroethane	3.617	63	44809	10.907	ug/L	94
20) cis-1,2-Dichloroethene	4.495	96	25073	10.493	ug/L	95
22) 2-Butanone	4.568	43	48468	21.508	ug/L	99
23) Bromochloromethane	4.904	128	13184	11.003	ug/L	88
25) Chloroform	5.105	83	46795	10.841	ug/L	100
27) 1,2-Dichloroethane	6.098	62	38079	10.599	ug/L	98
29) Cyclohexane	5.477	56	41180	10.991	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	40709	10.950	ug/L	98
31) Carbon tetrachloride	5.684	117	32883	10.717	ug/L	97
33) Benzene	6.044	78	99158	10.973	ug/L	100
34) Trichloroethene	7.135	95	28898	11.042	ug/L	89
35) Methylcyclohexane	7.385	83	40901	10.735	ug/L	99
37) 1,2-Dichloropropane	7.440	63	27751	11.550	ug/L	100
38) Bromodichloromethane	7.824	83	33392	10.501	ug/L	94
39) cis-1,3-Dichloropropene	8.372	75	38546	10.752	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	90719	21.683	ug/L	100
42) Toluene	8.720	91	104124	10.908	ug/L	97
44) trans-1,3-Dichloropropene	8.982	75	36135	10.301	ug/L	99

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45) 1,1,2-Trichloroethane	9.153	97	24587	11.006	ug/L	95
46) Tetrachloroethene	9.281	164	18181	10.992	ug/L	90
48) 2-Hexanone	9.433	43	70874	21.802	ug/L	98
49) Dibromochloromethane	9.525	129	25771	10.843	ug/L	92
50) 1,2-Dibromoethane	9.610	107	27261	11.096	ug/L #	93
51) Chlorobenzene	10.079	112	64908	10.914	ug/L	97
52) Ethylbenzene	10.195	91	112662	10.824	ug/L	99
53) m,p-Xylene	10.305	106	41040	10.579	ug/L	96
54) o-Xylene	10.646	106	42264	10.933	ug/L	98
55) Styrene	10.659	104	69631	10.697	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	37593	11.059	ug/L	99
59) Bromoform	10.799	173	16025	10.334	ug/L	99
60) Isopropylbenzene	10.963	105	106958	10.597	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	34647	11.330	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	91516	10.620	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	94264	10.832	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	47217	10.761	ug/L	93
65) 1,4-Dichlorobenzene	12.042	146	48872	10.957	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	51246	11.294	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	10472	10.381	ug/L	97
69) 1,3,5-Trichlorobenzene	13.115	180	32908	10.695	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	27905	10.326	ug/L	95
71) Naphthalene	13.780	128	120397	10.763	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	30996	10.859	ug/L	99

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

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