

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122222\
 Data File : VX033543.D
 Acq On : 22 Dec 2022 14:27
 Operator : JC/MD
 Sample : VSTD10004
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100604

Quant Time: Dec 23 04:32:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 23 04:30:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	260558	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	232735	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	121582	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	134068	96.727	ug/L	0.00
7) Chloroethane-d5	1.672	69	117190	108.110	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	209004	94.446	ug/L	0.00
21) 2-Butanone-d5	4.458	46	200201	198.844	ug/L	0.00
24) Chloroform-d	5.056	84	338016	98.370	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	201694	94.669	ug/L	0.00
32) Benzene-d6	5.977	84	654002	98.395	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	194609	100.216	ug/L	0.00
41) Toluene-d8	8.647	98	631450	97.884	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	97871	104.253	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	163069	204.843	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	263684	99.028	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	244894	97.100	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	61123	97.193	ug/L	99
3) Chloromethane	1.294	50	78635	99.590	ug/L	99
5) Vinyl chloride	1.374	62	105145	100.776	ug/L	96
6) Bromomethane	1.618	94	64639	104.139	ug/L	98
8) Chloroethane	1.691	64	76594	110.344	ug/L	96
9) Trichlorofluoromethane	1.886	101	166103	96.195	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	101335	92.237	ug/L	99
12) 1,1-Dichloroethene	2.319	96	93779	94.926	ug/L	95
13) Acetone	2.392	43	107736	166.586	ug/L	98
14) Carbon disulfide	2.514	76	233768	77.763	ug/L	100
15) Methyl Acetate	2.703	43	123955	95.862	ug/L	99
16) Methylene chloride	2.788	84	146375	98.972	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	145922	99.719	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	466564	100.598	ug/L	100
19) 1,1-Dichloroethane	3.611	63	249949	98.413	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	168805	98.425	ug/L	99
22) 2-Butanone	4.562	43	205330	192.774	ug/L	99
23) Bromochloromethane	4.904	128	89571	97.565	ug/L	95
25) Chloroform	5.093	83	291216	98.677	ug/L	99
27) 1,2-Dichloroethane	6.086	62	219740	97.611	ug/L	99
29) Cyclohexane	5.471	56	226773	99.700	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	268955	99.369	ug/L	98
31) Carbon tetrachloride	5.678	117	239431	99.680	ug/L	98
33) Benzene	6.037	78	613229	99.145	ug/L	100
34) Trichloroethene	7.123	95	171297	99.320	ug/L	98
35) Methylcyclohexane	7.379	83	254327	100.617	ug/L	99
37) 1,2-Dichloropropane	7.434	63	151910	99.597	ug/L	100
38) Bromodichloromethane	7.824	83	224229	99.617	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	252748	101.987	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	374767	198.401	ug/L	99
42) Toluene	8.720	91	694865	99.397	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	243976	104.855	ug/L	99

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45) 1,1,2-Trichloroethane	9.153	97	162319	98.313	ug/L	99
46) Tetrachloroethene	9.275	164	142372	97.806	ug/L	98
48) 2-Hexanone	9.433	43	293553	195.665	ug/L	97
49) Dibromochloromethane	9.519	129	196233	101.776	ug/L	97
50) 1,2-Dibromoethane	9.610	107	178106	99.932	ug/L	99
51) Chlorobenzene	10.079	112	458358	98.807	ug/L	99
52) Ethylbenzene	10.195	91	766663	100.104	ug/L	99
53) m,p-Xylene	10.299	106	307729	100.740	ug/L	97
54) o-Xylene	10.640	106	302661	101.307	ug/L	98
55) Styrene	10.653	104	514920	102.268	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	238951	98.974	ug/L	99
59) Bromoform	10.799	173	143109	101.084	ug/L	100
60) Isopropylbenzene	10.963	105	786825	97.872	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	182598	95.352	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	676211	99.017	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	664736	99.004	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	359884	98.007	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	362854	97.687	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	351716	97.057	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.939	75	50439	97.978	ug/L	88
69) 1,3,5-Trichlorobenzene	13.115	180	243641	99.162	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	223823	100.572	ug/L	99
71) Naphthalene	13.774	128	749592	103.091	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	222171	100.037	ug/L	99

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

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