

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041023\
 Data File : VX034988.D
 Acq On : 10 Apr 2023 11:12
 Operator : JC/MD
 Sample : VSTD10029
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100629

Quant Time: Apr 11 05:17:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 11 05:14:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	447206	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	398537	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	203871	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	322022	108.110	ug/L	0.00
7) Chloroethane-d5	1.672	69	228503	104.736	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	659934	109.297	ug/L	0.00
21) 2-Butanone-d5	4.459	46	445093	224.827	ug/L	0.00
24) Chloroform-d	5.056	84	623832	109.901	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	414096	106.273	ug/L	0.00
32) Benzene-d6	5.977	84	1206099	108.409	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	373925	109.256	ug/L	0.00
41) Toluene-d8	8.647	98	1109115	108.700	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	186126	118.426	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	321241	234.840	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	472055	110.988	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	403326	107.813	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	425644	109.592	ug/L	99
3) Chloromethane	1.294	50	399070	109.315	ug/L	99
5) Vinyl chloride	1.374	62	405943	109.714	ug/L	98
6) Bromomethane	1.618	94	227149	108.644	ug/L	99
8) Chloroethane	1.691	64	224094	107.628	ug/L	100
9) Trichlorofluoromethane	1.886	101	560923	108.964	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	348513	109.101	ug/L	99
12) 1,1-Dichloroethene	2.319	96	316659	111.343	ug/L	94
13) Acetone	2.392	43	401812	205.291	ug/L	100
14) Carbon disulfide	2.514	76	865108	113.186	ug/L	99
15) Methyl Acetate	2.703	43	371827	110.676	ug/L	99
16) Methylene chloride	2.788	84	343637	110.167	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	323282	110.573	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	1140616	111.609	ug/L	99
19) 1,1-Dichloroethane	3.611	63	643628	110.548	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	374378	111.930	ug/L	97
22) 2-Butanone	4.562	43	549723	219.848	ug/L	96
23) Bromochloromethane	4.897	128	184055	111.244	ug/L	97
25) Chloroform	5.093	83	661614	110.803	ug/L	99
27) 1,2-Dichloroethane	6.086	62	563047	111.344	ug/L	100
29) Cyclohexane	5.471	56	610594	111.418	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	590651	112.077	ug/L	99
31) Carbon tetrachloride	5.678	117	519271	114.310	ug/L	99
33) Benzene	6.037	78	1389405	109.318	ug/L	100
34) Trichloroethene	7.123	95	378290	110.395	ug/L	98
35) Methylcyclohexane	7.379	83	551802	111.698	ug/L	99
37) 1,2-Dichloropropane	7.427	63	372985	110.750	ug/L	100
38) Bromodichloromethane	7.824	83	486986	114.287	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	606945	117.922	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	1027189	229.536	ug/L	99
42) Toluene	8.720	91	1458558	110.804	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	573615	121.054	ug/L	99

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45) 1,1,2-Trichloroethane	9.153	97	350216	111.516	ug/L	100
46) Tetrachloroethene	9.275	164	282056	110.488	ug/L	98
48) 2-Hexanone	9.433	43	797904	227.469	ug/L	100
49) Dibromochloromethane	9.519	129	368316	119.233	ug/L	97
50) 1,2-Dibromoethane	9.610	107	373046	113.192	ug/L	98
51) Chlorobenzene	10.079	112	940581	110.860	ug/L	99
52) Ethylbenzene	10.195	91	1673619	112.034	ug/L	98
53) m,p-Xylene	10.299	106	640186	113.740	ug/L	99
54) o-Xylene	10.640	106	628199	113.277	ug/L	98
55) Styrene	10.653	104	1074840	115.600	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	522853	112.123	ug/L	99
59) Bromoform	10.799	173	258403	118.883	ug/L	99
60) Isopropylbenzene	10.963	105	1639256	110.104	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	420345	107.529	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	1376376	111.499	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	1371591	112.529	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	725150	109.336	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	730155	108.883	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	712659	109.073	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	120539	120.476	ug/L	88
69) 1,3,5-Trichlorobenzene	13.109	180	460438	110.985	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	434270	112.534	ug/L	99
71) Naphthalene	13.774	128	1509669	114.482	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	426663	110.107	ug/L	99

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

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