

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111924\
 Data File : VX043892.D
 Acq On : 19 Nov 2024 10:53
 Operator : JC/MD
 Sample : VSTD05044
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050644

Quant Time: Nov 19 23:10:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 19 23:08:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	349890	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	274987	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	120765	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	134577	48.210	ug/L	0.00
7) Chloroethane-d5	1.648	69	65438	55.068	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	52064	46.407	ug/L	0.00
21) 2-Butanone-d5	4.452	46	163129	97.247	ug/L	0.00
24) Chloroform-d	5.050	84	244406	47.251	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.946	65	154259	44.924	ug/L	0.00
32) Benzene-d6	5.970	84	472172	52.068	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.299	67	145356	53.036	ug/L	0.00
41) Toluene-d8	8.647	98	426504	53.615	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.945	79	68571	55.287	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	115608	112.978	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	162597	47.051	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	119183	46.494	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	131134	45.677	ug/L	100
3) Chloromethane	1.294	50	138605	47.218	ug/L	100
5) Vinyl chloride	1.374	62	140035	46.916	ug/L	100
6) Bromomethane	1.593	94	53951	43.401	ug/L	100
8) Chloroethane	1.666	64	68552	54.623	ug/L	100
9) Trichlorofluoromethane	1.874	101	178200	44.621	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	108955	45.770	ug/L	100
12) 1,1-Dichloroethene	2.313	96	102685	47.365	ug/L	100
13) Acetone	2.380	43	134017	90.883	ug/L	100
14) Carbon disulfide	2.502	76	216601	47.010	ug/L	100
15) Methyl Acetate	2.703	43	124893	45.276	ug/L	100
16) Methylene chloride	2.782	84	121658	47.860	ug/L	100
17) trans-1,2-Dichloroethene	3.087	96	106871	46.032	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	394744	45.947	ug/L	100
19) 1,1-Dichloroethane	3.605	63	213147	46.082	ug/L	100
20) cis-1,2-Dichloroethene	4.483	96	131620	46.633	ug/L	100
22) 2-Butanone	4.556	43	182770	92.340	ug/L	100
23) Bromochloromethane	4.897	128	68260	47.064	ug/L	100
25) Chloroform	5.086	83	230866	45.705	ug/L	100
27) 1,2-Dichloroethane	6.080	62	179127	44.961	ug/L	100
29) Cyclohexane	5.464	56	181737	50.809	ug/L	100
30) 1,1,1-Trichloroethane	5.373	97	191652	50.511	ug/L	100
31) Carbon tetrachloride	5.672	117	155917	50.662	ug/L	100
33) Benzene	6.031	78	464081	50.485	ug/L	100
34) Trichloroethene	7.123	95	123463	48.939	ug/L	100
35) Methylcyclohexane	7.373	83	181101	52.506	ug/L	100
37) 1,2-Dichloropropane	7.421	63	124200	52.060	ug/L	100
38) Bromodichloromethane	7.818	83	156479	52.300	ug/L	100
39) cis-1,3-Dichloropropene	8.360	75	202326	53.819	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	337517	103.338	ug/L	100
42) Toluene	8.714	91	495267	53.464	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	182115	53.893	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.147	97	127252	54.241	ug/L	100
46) Tetrachloroethene	9.269	164	87280	53.096	ug/L	100
48) 2-Hexanone	9.427	43	260829	105.801	ug/L	100
49) Dibromochloromethane	9.519	129	119699	55.192	ug/L	100
50) 1,2-Dibromoethane	9.610	107	132370	53.565	ug/L	100
51) Chlorobenzene	10.079	112	275034	47.864	ug/L	100
52) Ethylbenzene	10.189	91	482467	49.411	ug/L	100
53) m,p-Xylene	10.299	106	168928	46.581	ug/L	100
54) o-Xylene	10.640	106	171890	47.077	ug/L	100
55) Styrene	10.652	104	288116	47.669	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	162050	46.146	ug/L	100
59) Bromoform	10.799	173	65377	48.315	ug/L	100
60) Isopropylbenzene	10.957	105	471046	49.495	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	127029	46.165	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	366194	48.703	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	385085	51.366	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	199388	49.936	ug/L	100
65) 1,4-Dichlorobenzene	12.036	146	187583	47.311	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	182682	44.188	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.939	75	30248	43.923	ug/L	100
69) 1,3,5-Trichlorobenzene	13.109	180	115599	44.868	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	107393	45.207	ug/L	100
71) Naphthalene	13.774	128	410492	46.451	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	112017	46.798	ug/L	100

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

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