

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102524\
 Data File : VX043512.D
 Acq On : 25 Oct 2024 10:34
 Operator : JC/MD
 Sample : VSTD20028
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200628

Quant Time: Oct 25 23:56:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 25 23:53:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	279134	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	250856	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	123923	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	300845	198.125	ug/L	0.00
7) Chloroethane-d5	1.654	69	226482	186.247	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.300	65	144273	201.202	ug/L	0.00
21) 2-Butanone-d5	4.452	46	458305	362.340	ug/L	0.00
24) Chloroform-d	5.056	84	710348	202.267	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	454302	192.524	ug/L	0.00
32) Benzene-d6	5.971	84	1257885	197.533	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	397890	200.724	ug/L	0.00
41) Toluene-d8	8.647	98	1133861	194.486	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.946	79	217578	208.634	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	408507	415.509	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	588440	199.402	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	428993	190.725	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	430167	198.419	ug/L	100
3) Chloromethane	1.295	50	410029	205.627	ug/L	99
5) Vinyl chloride	1.374	62	396270	201.026	ug/L	97
6) Bromomethane	1.599	94	163067	140.148	ug/L	99
8) Chloroethane	1.673	64	214511	183.520	ug/L	100
9) Trichlorofluoromethane	1.880	101	572003	194.506	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	341861	194.121	ug/L	99
12) 1,1-Dichloroethene	2.313	96	310110	200.984	ug/L	93
13) Acetone	2.380	43	394780	342.817	ug/L	99
14) Carbon disulfide	2.508	76	809600	213.346	ug/L	100
15) Methyl Acetate	2.703	43	418207	195.089	ug/L	100
16) Methylene chloride	2.788	84	357543	200.059	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	327518	201.856	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	1222063	202.743	ug/L	100
19) 1,1-Dichloroethane	3.605	63	641736	200.615	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	398226	205.709	ug/L	98
22) 2-Butanone	4.556	43	612339	403.877	ug/L	99
23) Bromochloromethane	4.898	128	202097	199.269	ug/L	97
25) Chloroform	5.093	83	691473	199.651	ug/L	99
27) 1,2-Dichloroethane	6.080	62	552589	196.724	ug/L	97
29) Cyclohexane	5.465	56	560935	195.264	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	617253	199.492	ug/L	99
31) Carbon tetrachloride	5.672	117	534238	201.143	ug/L	98
33) Benzene	6.038	78	1350144	197.274	ug/L	100
34) Trichloroethene	7.123	95	374557	199.258	ug/L	96
35) Methylcyclohexane	7.379	83	563012	194.650	ug/L	99
37) 1,2-Dichloropropane	7.428	63	363433	199.312	ug/L	99
38) Bromodichloromethane	7.818	83	527797	210.246	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	644329	213.764	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	1155028	406.550	ug/L	100
42) Toluene	8.714	91	1429470	197.313	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	615850	218.186	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.147	97	373807	199.109	ug/L	99
46) Tetrachloroethene	9.275	164	262965	195.171	ug/L	97
48) 2-Hexanone	9.427	43	871304	401.485	ug/L	98
49) Dibromochloromethane	9.519	129	403779	217.294	ug/L	97
50) 1,2-Dibromoethane	9.610	107	405404	202.115	ug/L	100
51) Chlorobenzene	10.080	112	951718	198.964	ug/L	99
52) Ethylbenzene	10.195	91	1636499	201.352	ug/L	98
53) m,p-Xylene	10.299	106	614520	202.217	ug/L	97
54) o-Xylene	10.640	106	606667	199.327	ug/L	99
55) Styrene	10.653	104	1062512	207.780	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.207	83	585672	197.694	ug/L	99
59) Bromoform	10.799	173	294929	220.651	ug/L	100
60) Isopropylbenzene	10.964	105	1601236	188.063	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	460157	186.868	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	1358701	194.535	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	1366068	195.363	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	719888	194.786	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	718161	190.845	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	718443	195.520	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	148552	212.759	ug/L	98
69) 1,3,5-Trichlorobenzene	13.109	180	492225	198.229	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	476844	205.025	ug/L	98
71) Naphthalene	13.774	128	1793194	204.208	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	465124	199.877	ug/L	99

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

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