

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050924\
 Data File : VX041428.D
 Acq On : 09 May 2024 11:22
 Operator : JC/MD
 Sample : VSTD20004
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200604

Quant Time: May 09 22:41:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML050924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 09 22:38:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	286905	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	231735	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	155020	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	325328	199.932	ug/L	0.00
7) Chloroethane-d5	1.648	69	235338	197.128	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	158216	193.190	ug/L	0.00
21) 2-Butanone-d5	4.471	46	402185	331.530	ug/L	0.00
24) Chloroform-d	5.056	84	698572	194.143	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	464810	179.569	ug/L	0.00
32) Benzene-d6	5.970	84	1401908	221.444	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	447236	237.756	ug/L	0.00
41) Toluene-d8	8.647	98	1415921	216.545	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	243810	258.712	ug/L	0.00
47) 2-Hexanone-d5	9.390	63	436441	497.914	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	687617	232.281	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	664326	209.729	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	372015	188.329	ug/L	99
3) Chloromethane	1.300	50	315236	187.116	ug/L	98
5) Vinyl chloride	1.374	62	335414	193.294	ug/L	98
6) Bromomethane	1.599	94	251967	208.326	ug/L	99
8) Chloroethane	1.666	64	182957	184.139	ug/L	99
9) Trichlorofluoromethane	1.861	101	556690	182.251	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	339846	181.096	ug/L	99
12) 1,1-Dichloroethene	2.306	96	308155	184.450	ug/L	99
13) Acetone	2.392	43	385566	309.567	ug/L	100
14) Carbon disulfide	2.501	76	813999	202.590	ug/L	100
15) Methyl Acetate	2.709	43	372593	177.253	ug/L	99
16) Methylene chloride	2.788	84	324070	175.169	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	312214	182.257	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	1060959	181.527	ug/L	99
19) 1,1-Dichloroethane	3.605	63	575336	181.376	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	368860	186.531	ug/L	98
22) 2-Butanone	4.568	43	566396	364.196	ug/L	99
23) Bromochloromethane	4.903	128	200433	190.461	ug/L	98
25) Chloroform	5.092	83	639143	186.598	ug/L	98
27) 1,2-Dichloroethane	6.086	62	592463	207.578	ug/L	99
29) Cyclohexane	5.464	56	538385	208.941	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	587171	215.269	ug/L	100
31) Carbon tetrachloride	5.672	117	545803	225.404	ug/L	99
33) Benzene	6.037	78	1450110	223.641	ug/L	100
34) Trichloroethene	7.122	95	416437	234.468	ug/L	98
35) Methylcyclohexane	7.379	83	638250	231.911	ug/L	100
37) 1,2-Dichloropropane	7.427	63	378686	231.925	ug/L	100
38) Bromodichloromethane	7.817	83	540428	244.869	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	668677	247.293	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	1169294	444.983	ug/L	99
42) Toluene	8.720	91	1482231	209.483	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	629944	249.826	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	409324	226.707	ug/L	100
46) Tetrachloroethene	9.275	164	385963	227.071	ug/L	96
48) 2-Hexanone	9.433	43	946109	449.416	ug/L	99
49) Dibromochloromethane	9.518	129	436819	239.333	ug/L	99
50) 1,2-Dibromoethane	9.610	107	411427	219.014	ug/L	99
51) Chlorobenzene	10.079	112	974685	206.563	ug/L	98
52) Ethylbenzene	10.195	91	1670259	215.141	ug/L	97
53) m,p-Xylene	10.299	106	692485	222.989	ug/L	98
54) o-Xylene	10.640	106	732589	231.498	ug/L	96
55) Styrene	10.652	104	1257826	238.005	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	662417	221.114	ug/L	100
59) Bromoform	10.799	173	422110	232.682	ug/L	99
60) Isopropylbenzene	10.963	105	1894305	200.280	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	504898	190.529	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	1309934	204.990	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	1601497	206.848	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	992217	206.202	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	962783	196.563	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	979727	196.621	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	157755	221.258	ug/L	92
69) 1,3,5-Trichlorobenzene	13.115	180	797416	222.033	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	699197	213.197	ug/L	99
71) Naphthalene	13.774	128	2094708	213.989	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	668329	195.440	ug/L	100

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

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