

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041124\
 Data File : VX041012.D
 Acq On : 12 Apr 2024 05:41
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050729

Quant Time: Apr 12 06:35:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:36:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	280622	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	269836	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	157643	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	84308	42.239	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.480%
7) Chloroethane-d5	1.666	69	73114	44.914	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.820%
11) 1,1-Dichloroethene-d2	2.306	65	36548	42.889	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.780%
21) 2-Butanone-d5	4.452	46	110051	101.219	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.220%
24) Chloroform-d	5.062	84	173724	46.647	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.300%
26) 1,2-Dichloroethane-d4	5.958	65	109316	45.125	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.240%
32) Benzene-d6	5.977	84	334454	45.655	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.320%
36) 1,2-Dichloropropane-d6	7.306	67	97718	45.737	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.480%
41) Toluene-d8	8.647	98	322444	45.054	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.100%
43) trans-1,3-Dichloroprop...	8.952	79	46370	43.128	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.260%
47) 2-Hexanone-d5	9.384	63	87011	96.595	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.590%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	153572	48.524	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.040%
66) 1,2-Dichlorobenzene-d4	12.317	152	147897	46.769	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.540%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	94445	51.111	ug/L	99
3) Chloromethane	1.301	50	97296	55.467	ug/L	100
5) Vinyl chloride	1.374	62	109932	52.153	ug/L	98
6) Bromomethane	1.605	94	74926	58.792	ug/L	99
8) Chloroethane	1.691	64	69351	52.876	ug/L	96
9) Trichlorofluoromethane	1.892	101	169764	51.118	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	93908	49.479	ug/L	100
12) 1,1-Dichloroethene	2.325	96	86497	51.313	ug/L #	81
13) Acetone	2.380	43	97208	82.489	ug/L	99
14) Carbon disulfide	2.514	76	205951	48.617	ug/L	100
15) Methyl Acetate	2.703	43	110632	54.078	ug/L	100
16) Methylene chloride	2.788	84	96471	54.908	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	88027	50.448	ug/L	100
18) Methyl tert-butyl Ether	3.117	73	295727	53.995	ug/L	99
19) 1,1-Dichloroethane	3.611	63	165573	53.424	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	104876	52.756	ug/L	100
22) 2-Butanone	4.556	43	157312	101.981	ug/L	99
23) Bromochloromethane	4.897	128	58425	54.060	ug/L	94
25) Chloroform	5.093	83	180330	53.093	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	145430	53.272	ug/L	97
29) Cyclohexane	5.471	56	138468	51.223	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	156391	51.718	ug/L	99
31) Carbon tetrachloride	5.678	117	141090	51.200	ug/L	99
33) Benzene	6.037	78	370628	52.940	ug/L	100
34) Trichloroethene	7.123	95	100022	49.804	ug/L	96
35) Methylcyclohexane	7.379	83	146117	51.301	ug/L	99
37) 1,2-Dichloropropane	7.427	63	97687	53.907	ug/L	100
38) Bromodichloromethane	7.818	83	131827	51.892	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	149707	50.565	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	304666	111.013	ug/L	99
42) Toluene	8.720	91	407233	52.525	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	137548	49.713	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	105431	53.563	ug/L	99
46) Tetrachloroethene	9.275	164	95228	50.346	ug/L	98
48) 2-Hexanone	9.427	43	241509	109.542	ug/L	98
49) Dibromochloromethane	9.519	129	117065	52.731	ug/L	99
50) 1,2-Dibromoethane	9.610	107	114176	53.769	ug/L	98
51) Chlorobenzene	10.079	112	288617	53.119	ug/L	97
52) Ethylbenzene	10.195	91	464594	52.814	ug/L	99
53) m,p-Xylene	10.299	106	182538	52.043	ug/L	97
54) o-Xylene	10.640	106	183684	54.304	ug/L	98
55) Styrene	10.653	104	314232	54.035	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	167779	55.016	ug/L	99
59) Bromoform	10.799	173	100347	51.867	ug/L	100
60) Isopropylbenzene	10.963	105	483993	52.516	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	131633	54.684	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	395665	53.254	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	401027	53.623	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	244223	50.502	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	251395	50.640	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	243656	51.940	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	37168	53.991	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.109	180	186346	50.317	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	174766	49.797	ug/L	99
71) Naphthalene	13.774	128	526426	54.736	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	181643	52.773	ug/L	99

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

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