

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041024\
 Data File : VX040955.D
 Acq On : 10 Apr 2024 15:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050727

Quant Time: Apr 11 05:41:55 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	6.757	114	289188	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	274383	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	161566	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	760	0.369	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	0.740%#
7) Chloroethane-d5	1.672	69	135	0.080	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.160%#
11) 1,1-Dichloroethene-d2	0.000	65	0	0.000	ug/L	
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.000%#
21) 2-Butanone-d5	4.690	46	128	0.114	ug/L	0.24
Spiked Amount	100.000	Range	40 - 130	Recovery	=	0.110%#
24) Chloroform-d	5.093	84	7342	1.913	ug/L	0.04
Spiked Amount	50.000	Range	70 - 125	Recovery	=	3.820%#
26) 1,2-Dichloroethane-d4	5.952	65	113956	45.647	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.300%
32) Benzene-d6	5.946	84	184	0.025	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.040%#
36) 1,2-Dichloropropane-d6	7.379	67	10656	4.905	ug/L	0.07
Spiked Amount	50.000	Range	70 - 120	Recovery	=	9.800%#
41) Toluene-d8	8.647	98	350950	48.225	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.440%
43) trans-1,3-Dichloroprop...	0.000	79	0	0.000	ug/L	
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.000%#
47) 2-Hexanone-d5	9.433	63	1043	1.139	ug/L	0.05
Spiked Amount	100.000	Range	45 - 130	Recovery	=	1.140%#
56) 1,1,2,2-Tetrachloroeth...	11.207	84	2961	0.920	ug/L	0.02
Spiked Amount	50.000	Range	65 - 120	Recovery	=	1.840%#
66) 1,2-Dichlorobenzene-d4	12.024	152	161566	49.851	ug/L	-0.29
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	81449	42.772	ug/L	100
3) Chloromethane	1.301	50	89453	49.485	ug/L	99
5) Vinyl chloride	1.374	62	106198	48.889	ug/L	100
6) Bromomethane	1.599	94	63523	48.368	ug/L	98
8) Chloroethane	1.685	64	68110	50.391	ug/L	98
9) Trichlorofluoromethane	1.886	101	170637	49.859	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	95509	48.832	ug/L	99
12) 1,1-Dichloroethene	2.319	96	91538	52.695	ug/L #	67
13) Acetone	2.380	43	213105	175.480	ug/L	99
14) Carbon disulfide	2.514	76	212907	48.771	ug/L	99
15) Methyl Acetate	2.703	43	118254	56.091	ug/L	99
16) Methylene chloride	2.788	84	97351	53.767	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	94604	52.612	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	290302	51.435	ug/L	99
19) 1,1-Dichloroethane	3.605	63	164210	51.415	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	113489	55.397	ug/L	93
22) 2-Butanone	4.550	43	369992	232.752	ug/L	100
23) Bromochloromethane	4.891	128	52266	46.929	ug/L #	96
25) Chloroform	5.093	83	180644	51.610	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	136330	48.459	ug/L	100
29) Cyclohexane	5.464	56	140876	51.250	ug/L	96
30) 1,1,1-Trichloroethane	5.379	97	161480	52.516	ug/L	100
31) Carbon tetrachloride	5.672	117	146954	52.445	ug/L	100
33) Benzene	6.038	78	370861	52.095	ug/L	100
34) Trichloroethene	7.123	95	99276	48.613	ug/L	97
35) Methylcyclohexane	7.379	83	150004	51.793	ug/L	99
37) 1,2-Dichloropropane	7.428	63	88709	48.141	ug/L	99
38) Bromodichloromethane	7.818	83	142136	55.022	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	147523	49.002	ug/L	99
40) 4-Methyl-2-pentanone	8.568	43	774796	277.639	ug/L	99
42) Toluene	8.714	91	428372	54.336	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	138615	49.268	ug/L	100
45) 1,1,2-Trichloroethane	9.147	97	100228	50.075	ug/L	100
46) Tetrachloroethene	9.269	164	109462	56.912	ug/L	97
48) 2-Hexanone	9.427	43	599090	267.229	ug/L	99
49) Dibromochloromethane	9.519	129	127375	56.424	ug/L	98
50) 1,2-Dibromoethane	9.610	107	106891	49.504	ug/L	97
51) Chlorobenzene	10.079	112	295902	53.558	ug/L	99
52) Ethylbenzene	10.189	91	489466	54.719	ug/L	97
53) m,p-Xylene	10.299	106	392802	110.134	ug/L	97
54) o-Xylene	10.640	106	190312	55.332	ug/L	99
55) Styrene	10.653	104	330389	55.872	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	156651	50.516	ug/L	100
59) Bromoform	10.799	173	107368	54.149	ug/L	99
60) Isopropylbenzene	10.963	105	503961	53.355	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	172505	69.923	ug/L #	89
62) 1,3,5-Trimethylbenzene	11.451	105	421982	55.417	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	421576	55.002	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	271004	54.680	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	273691	53.793	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	260528	54.188	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	36603	51.879	ug/L	98
69) 1,3,5-Trichlorobenzene	13.585	180	205979	54.268	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	205979	57.266	ug/L	99
71) Naphthalene	13.774	128	579255	58.767	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	198908	56.386	ug/L	99

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

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