

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041224\
 Data File : VX041064.D
 Acq On : 13 Apr 2024 04:13
 Operator : JC/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050732

Quant Time: Apr 13 05:20:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 13 04:06:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	284527	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	273007	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	155050	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	110411	54.558	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	109.120%	
7) Chloroethane-d5	1.666	69	87606	53.078	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	106.160%	
11) 1,1-Dichloroethene-d2	2.306	65	45441	52.593	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	105.180%	
21) 2-Butanone-d5	4.452	46	115384	104.668	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	104.670%	
24) Chloroform-d	5.056	84	197304	52.251	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	104.500%	
26) 1,2-Dichloroethane-d4	5.952	65	122250	49.771	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	99.540%	
32) Benzene-d6	5.976	84	381552	51.480	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	102.960%	
36) 1,2-Dichloropropane-d6	7.305	67	110209	50.985	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	101.960%	
41) Toluene-d8	8.646	98	363870	50.252	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	100.500%	
43) trans-1,3-Dichloroprop...	8.951	79	51108	46.983	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	93.960%	
47) 2-Hexanone-d5	9.384	63	90419	99.212	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	99.210%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	160749	50.202	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	100.400%	
66) 1,2-Dichlorobenzene-d4	12.316	152	156078	50.181	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	100.360%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	91690	48.939	ug/L	99
3) Chloromethane	1.300	50	91391	51.386	ug/L	98
5) Vinyl chloride	1.373	62	108896	50.953	ug/L	99
6) Bromomethane	1.605	94	69505	53.790	ug/L	100
8) Chloroethane	1.690	64	68414	51.446	ug/L	98
9) Trichlorofluoromethane	1.892	101	173173	51.429	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.330	101	97029	50.421	ug/L	99
12) 1,1-Dichloroethene	2.318	96	87823	51.384	ug/L	92
13) Acetone	2.379	43	91558	76.628	ug/L	99
14) Carbon disulfide	2.513	76	204359	47.579	ug/L	100
15) Methyl Acetate	2.702	43	106276	51.236	ug/L	100
16) Methylene chloride	2.788	84	92384	51.860	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	89389	50.526	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	291534	52.499	ug/L	99
19) 1,1-Dichloroethane	3.611	63	166717	53.055	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	106175	52.676	ug/L	96
22) 2-Butanone	4.556	43	146695	93.793	ug/L	99
23) Bromochloromethane	4.897	128	57990	52.921	ug/L	98
25) Chloroform	5.092	83	183828	53.380	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	145310	52.497	ug/L	100
29) Cyclohexane	5.470	56	141182	51.620	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	158108	51.679	ug/L	99
31) Carbon tetrachloride	5.677	117	143672	51.532	ug/L	100
33) Benzene	6.037	78	371466	52.443	ug/L	100
34) Trichloroethene	7.122	95	102160	50.278	ug/L	98
35) Methylcyclohexane	7.378	83	148879	51.664	ug/L	100
37) 1,2-Dichloropropane	7.427	63	95309	51.984	ug/L	99
38) Bromodichloromethane	7.823	83	132424	51.521	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	145250	48.490	ug/L	97
40) 4-Methyl-2-pentanone	8.573	43	289283	104.184	ug/L	99
42) Toluene	8.720	91	405864	51.741	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	133345	47.634	ug/L	98
45) 1,1,2-Trichloroethane	9.152	97	104260	52.352	ug/L	99
46) Tetrachloroethene	9.274	164	94880	49.579	ug/L	97
48) 2-Hexanone	9.427	43	227937	102.186	ug/L	99
49) Dibromochloromethane	9.518	129	115738	51.528	ug/L	100
50) 1,2-Dibromoethane	9.610	107	113144	52.664	ug/L	99
51) Chlorobenzene	10.079	112	281799	51.262	ug/L	98
52) Ethylbenzene	10.195	91	459171	51.591	ug/L	99
53) m,p-Xylene	10.299	106	180848	50.962	ug/L	97
54) o-Xylene	10.640	106	177180	51.773	ug/L	99
55) Styrene	10.652	104	307079	52.192	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	160619	52.057	ug/L	98
59) Bromoform	10.798	173	99148	52.104	ug/L	99
60) Isopropylbenzene	10.963	105	478225	52.758	ug/L	100
61) 1,2,3-Trichloropropane	11.237	75	125579	53.041	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	387706	53.056	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	385313	52.383	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	235651	49.545	ug/L	100
65) 1,4-Dichlorobenzene	12.042	146	240530	49.262	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	236137	51.179	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.944	75	33848	49.991	ug/L	82
69) 1,3,5-Trichlorobenzene	13.109	180	183821	50.465	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	167701	48.583	ug/L	100
71) Naphthalene	13.774	128	489288	51.726	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	173499	51.250	ug/L	99

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

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