

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035202.D
 Acq On : 20 Apr 2023 04:12
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050632

Quant Time: Apr 20 05:12:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 04:51:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	447013	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	384830	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	186154	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	128065	44.431	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.860%
7) Chloroethane-d5	1.672	69	94482	45.364	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.720%
11) 1,1-Dichloroethene-d2	2.306	65	65487	47.484	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.960%
21) 2-Butanone-d5	4.465	46	192344	100.138	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.140%
24) Chloroform-d	5.056	84	271783	50.070	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.140%
26) 1,2-Dichloroethane-d4	5.952	65	170475	48.907	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.820%
32) Benzene-d6	5.976	84	557848	50.463	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.920%
36) 1,2-Dichloropropane-d6	7.306	67	174056	51.544	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.080%
41) Toluene-d8	8.647	98	508763	50.357	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.720%
43) trans-1,3-Dichloroprop...	8.952	79	73012	49.475	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.960%
47) 2-Hexanone-d5	9.384	63	139859	103.138	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.140%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	214081	51.767	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.540%
66) 1,2-Dichlorobenzene-d4	12.317	152	180658	50.079	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	166063	49.568	ug/L	100
3) Chloromethane	1.294	50	149306	48.971	ug/L	99
5) Vinyl chloride	1.374	62	150133	47.451	ug/L	99
6) Bromomethane	1.618	94	75275	40.058	ug/L	96
8) Chloroethane	1.691	64	85028	48.186	ug/L	96
9) Trichlorofluoromethane	1.892	101	217092	50.669	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	148207	50.633	ug/L	99
12) 1,1-Dichloroethene	2.319	96	138155	51.732	ug/L	97
13) Acetone	2.392	43	134507	94.417	ug/L	100
14) Carbon disulfide	2.514	76	325324	49.305	ug/L	98
15) Methyl Acetate	2.703	43	153277	50.226	ug/L	99
16) Methylene chloride	2.788	84	151161	50.834	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	140262	51.004	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	489691	51.490	ug/L	99
19) 1,1-Dichloroethane	3.611	63	273569	51.605	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	164619	51.200	ug/L	98
22) 2-Butanone	4.562	43	208620	95.405	ug/L	98
23) Bromochloromethane	4.897	128	83557	52.471	ug/L	97
25) Chloroform	5.093	83	278263	51.772	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	221333	51.414	ug/L	99
29) Cyclohexane	5.470	56	236194	50.797	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	235336	52.141	ug/L	99
31) Carbon tetrachloride	5.678	117	200106	52.285	ug/L	99
33) Benzene	6.037	78	636542	54.620	ug/L	100
34) Trichloroethene	7.123	95	161402	52.063	ug/L	97
35) Methylcyclohexane	7.385	83	212507	50.900	ug/L	99
37) 1,2-Dichloropropane	7.427	63	163077	53.149	ug/L	99
38) Bromodichloromethane	7.824	83	191462	52.813	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	240249	52.367	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	414474	102.473	ug/L	99
42) Toluene	8.720	91	638020	52.767	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	217795	52.686	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	153923	52.866	ug/L	99
46) Tetrachloroethene	9.275	164	119373	51.693	ug/L	98
48) 2-Hexanone	9.427	43	310693	101.172	ug/L	99
49) Dibromochloromethane	9.519	129	149443	54.009	ug/L	97
50) 1,2-Dibromoethane	9.610	107	161473	53.299	ug/L	98
51) Chlorobenzene	10.079	112	498549	62.586	ug/L	100
52) Ethylbenzene	10.195	91	703673	52.646	ug/L	99
53) m,p-Xylene	10.299	106	270945	52.937	ug/L	98
54) o-Xylene	10.640	106	266211	52.903	ug/L	99
55) Styrene	10.652	104	456275	53.517	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	224501	52.320	ug/L	100
59) Bromoform	10.799	173	100312	52.348	ug/L	99
60) Isopropylbenzene	10.963	105	666327	52.641	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	177889	51.759	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	544821	52.632	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	543265	52.780	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	313392	54.286	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	410728	69.529	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	383806	65.568	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	43666	51.489	ug/L	91
69) 1,3,5-Trichlorobenzene	13.109	180	183309	51.362	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	249876	74.772	ug/L	98
71) Naphthalene	13.774	128	633889	53.251	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	191138	57.937	ug/L	99

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

