

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120923\
 Data File : VX039126.D
 Acq On : 08 Dec 2023 23:25
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050700

Quant Time: Dec 09 03:45:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 09 03:39:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	246792	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	223368	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	110292	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	81984	42.354	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.700%
7) Chloroethane-d5	1.666	69	64739	45.248	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.500%
11) 1,1-Dichloroethene-d2	2.307	65	38222	44.983	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.960%
21) 2-Butanone-d5	4.446	46	182968	104.422	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.420%
24) Chloroform-d	5.056	84	171637	50.089	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.180%
26) 1,2-Dichloroethane-d4	5.958	65	110217	49.665	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.340%
32) Benzene-d6	5.977	84	334446	48.516	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.040%
36) 1,2-Dichloropropane-d6	7.306	67	112732	50.815	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.620%
41) Toluene-d8	8.647	98	288253	46.141	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.280%
43) trans-1,3-Dichloroprop...	8.946	79	53561	47.443	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.880%
47) 2-Hexanone-d5	9.385	63	141579	106.849	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.850%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	166728	52.978	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.960%
66) 1,2-Dichlorobenzene-d4	12.317	152	100680	48.294	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	87509	44.463	ug/L	100
3) Chloromethane	1.295	50	104486	50.793	ug/L	98
5) Vinyl chloride	1.374	62	98723	48.693	ug/L	99
6) Bromomethane	1.605	94	60617	55.391	ug/L	97
8) Chloroethane	1.691	64	57835	50.458	ug/L	96
9) Trichlorofluoromethane	1.892	101	123984	47.185	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	78277	46.312	ug/L	99
12) 1,1-Dichloroethene	2.319	96	80153	50.415	ug/L	94
13) Acetone	2.374	43	119273	70.857	ug/L	98
14) Carbon disulfide	2.514	76	241342	47.704	ug/L	100
15) Methyl Acetate	2.697	43	131688	54.733	ug/L	99
16) Methylene chloride	2.788	84	96899	53.048	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	85629	51.118	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	315547	54.117	ug/L	100
19) 1,1-Dichloroethane	3.611	63	174761	52.762	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	101051	52.008	ug/L	98
22) 2-Butanone	4.550	43	192752	93.306	ug/L	99
23) Bromochloromethane	4.898	128	47766	52.297	ug/L	97
25) Chloroform	5.093	83	174630	52.859	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	143064	54.867	ug/L	97
29) Cyclohexane	5.471	56	148506	47.527	ug/L	96
30) 1,1,1-Trichloroethane	5.379	97	138193	50.991	ug/L	98
31) Carbon tetrachloride	5.678	117	111156	49.159	ug/L	100
33) Benzene	6.038	78	377916	53.239	ug/L	100
34) Trichloroethene	7.123	95	95390	50.849	ug/L	99
35) Methylcyclohexane	7.379	83	142056	45.468	ug/L	98
37) 1,2-Dichloropropane	7.428	63	107825	54.771	ug/L	99
38) Bromodichloromethane	7.818	83	128686	53.743	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	162865	51.870	ug/L	98
40) 4-Methyl-2-pentanone	8.568	43	366787	111.167	ug/L	100
42) Toluene	8.714	91	382026	50.751	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	155734	53.448	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	99691	55.257	ug/L	96
46) Tetrachloroethene	9.275	164	59383	47.986	ug/L	98
48) 2-Hexanone	9.427	43	291519	105.565	ug/L	98
49) Dibromochloromethane	9.519	129	95338	54.243	ug/L	98
50) 1,2-Dibromoethane	9.610	107	106064	54.875	ug/L	98
51) Chlorobenzene	10.080	112	239717	51.556	ug/L	99
52) Ethylbenzene	10.195	91	416262	49.465	ug/L	100
53) m,p-Xylene	10.299	106	153258	48.710	ug/L	100
54) o-Xylene	10.640	106	151419	50.154	ug/L	100
55) Styrene	10.653	104	261679	50.656	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	171203	54.375	ug/L	99
59) Bromoform	10.799	173	68768	53.052	ug/L	99
60) Isopropylbenzene	10.964	105	392831	48.744	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	133332	55.186	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	335812	49.356	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	330660	49.562	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	170367	49.389	ug/L	98
65) 1,4-Dichlorobenzene	12.037	146	179258	51.283	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	169188	51.274	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.939	75	39933	52.959	ug/L	97
69) 1,3,5-Trichlorobenzene	13.109	180	111800	49.009	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	109829	51.070	ug/L	99
71) Naphthalene	13.774	128	388481	52.672	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	105611	50.718	ug/L	100

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

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