

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051024\
 Data File : VX041446.D
 Acq On : 10 May 2024 08:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050739

Quant Time: May 10 23:11:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML050924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 09 23:24:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	271667	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	262511	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	145036	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	70215	45.571	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.140%
7) Chloroethane-d5	1.648	69	56689	50.148	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.300%
11) 1,1-Dichloroethene-d2	2.294	65	32370	41.743	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.480%
21) 2-Butanone-d5	4.459	46	124765	108.615	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.620%
24) Chloroform-d	5.050	84	163808	48.078	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.160%
26) 1,2-Dichloroethane-d4	5.952	65	112593	45.938	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.880%
32) Benzene-d6	5.964	84	322522	44.973	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.940%
36) 1,2-Dichloropropane-d6	7.306	67	94720	44.451	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.900%
41) Toluene-d8	8.647	98	298468	40.295	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	8.946	79	43617	40.857	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.720%
47) 2-Hexanone-d5	9.385	63	87011	87.629	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.630%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	159902	47.683	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.360%
66) 1,2-Dichlorobenzene-d4	12.317	152	136647	46.109	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	92466	49.436	ug/L	100
3) Chloromethane	1.301	50	79641	49.925	ug/L	100
5) Vinyl chloride	1.374	62	84761	51.586	ug/L	99
6) Bromomethane	1.599	94	59635	52.072	ug/L	98
8) Chloroethane	1.666	64	50466	53.641	ug/L	98
9) Trichlorofluoromethane	1.868	101	146538	50.653	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	84252	47.414	ug/L	99
12) 1,1-Dichloroethene	2.307	96	72807	46.127	ug/L	94
13) Acetone	2.386	43	103845	88.053	ug/L	100
14) Carbon disulfide	2.502	76	180939	47.559	ug/L	99
15) Methyl Acetate	2.703	43	100703	50.594	ug/L	100
16) Methylene chloride	2.782	84	92170	52.615	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	86318	53.215	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	295088	53.321	ug/L	99
19) 1,1-Dichloroethane	3.605	63	162585	54.130	ug/L	99
20) cis-1,2-Dichloroethene	4.477	96	98271	52.483	ug/L	100
22) 2-Butanone	4.556	43	147218	99.972	ug/L	97
23) Bromochloromethane	4.891	128	52974	53.162	ug/L	97
25) Chloroform	5.087	83	164700	50.781	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	138940	51.410	ug/L	97
29) Cyclohexane	5.458	56	147181	50.423	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	155947	50.470	ug/L	99
31) Carbon tetrachloride	5.666	117	129042	47.044	ug/L	98
33) Benzene	6.031	78	344272	46.870	ug/L	100
34) Trichloroethene	7.117	95	93931	46.686	ug/L	96
35) Methylcyclohexane	7.373	83	152254	48.836	ug/L	99
37) 1,2-Dichloropropane	7.428	63	89400	48.334	ug/L	100
38) Bromodichloromethane	7.818	83	115736	46.292	ug/L	100
39) cis-1,3-Dichloropropene	8.360	75	143967	47.000	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	272721	91.618	ug/L	99
42) Toluene	8.714	91	378463	47.217	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	127999	44.811	ug/L	100
45) 1,1,2-Trichloroethane	9.147	97	95524	46.704	ug/L	98
46) Tetrachloroethene	9.269	164	89021	46.233	ug/L	97
48) 2-Hexanone	9.433	43	215509	90.368	ug/L	99
49) Dibromochloromethane	9.519	129	99270	48.013	ug/L	100
50) 1,2-Dibromoethane	9.610	107	97301	45.724	ug/L	99
51) Chlorobenzene	10.080	112	253397	47.406	ug/L	98
52) Ethylbenzene	10.189	91	424561	48.275	ug/L	100
53) m,p-Xylene	10.299	106	177545	50.469	ug/L	99
54) o-Xylene	10.640	106	176541	49.247	ug/L	97
55) Styrene	10.653	104	298522	49.864	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	163647	48.221	ug/L	99
59) Bromoform	10.799	173	89936	52.989	ug/L	99
60) Isopropylbenzene	10.957	105	469818	53.092	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	127017	51.231	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	317723	53.143	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	387403	53.481	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	223138	49.565	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	224737	49.041	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	222873	47.807	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	33020	49.494	ug/L	91
69) 1,3,5-Trichlorobenzene	13.109	180	161563	48.082	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	143756	46.851	ug/L	99
71) Naphthalene	13.774	128	440588	48.108	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	156850	49.025	ug/L	99

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

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