

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110424\
 Data File : VX043673.D
 Acq On : 04 Nov 2024 10:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050776

Quant Time: Nov 05 03:35:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 05 03:28:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.751	114	340534	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	300801	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	137457	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	91175	50.258	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.520%
7) Chloroethane-d5	1.648	69	31012	39.769	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.540%
11) 1,1-Dichloroethene-d2	2.294	65	40873	48.805	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.620%
21) 2-Butanone-d5	4.459	46	120629	101.555	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.560%
24) Chloroform-d	5.044	84	186600	47.713	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.420%
26) 1,2-Dichloroethane-d4	5.946	65	115131	46.341	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.680%
32) Benzene-d6	5.964	84	368730	47.413	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.820%
36) 1,2-Dichloropropane-d6	7.300	67	108992	46.065	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.140%
41) Toluene-d8	8.647	98	338429	47.905	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	8.946	79	53931	47.663	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.320%
47) 2-Hexanone-d5	9.384	63	90988	97.172	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.170%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	140930	46.423	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.840%
66) 1,2-Dichlorobenzene-d4	12.317	152	114677	48.151	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.300%
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	121337	50.592	ug/L	99
3) Chloromethane	1.295	50	113540	48.713	ug/L	99
5) Vinyl chloride	1.374	62	111568	48.866	ug/L	97
6) Bromomethane	1.593	94	41976	47.445	ug/L	99
8) Chloroethane	1.660	64	38512	47.944	ug/L	98
9) Trichlorofluoromethane	1.868	101	143553	49.547	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	96745	48.618	ug/L	97
12) 1,1-Dichloroethene	2.307	96	85398	47.011	ug/L	96
13) Acetone	2.380	43	104178	94.300	ug/L	99
14) Carbon disulfide	2.502	76	183218	45.625	ug/L	99
15) Methyl Acetate	2.703	43	107306	45.935	ug/L	97
16) Methylene chloride	2.782	84	102923	46.898	ug/L	97
17) trans-1,2-Dichloroethene	3.087	96	90348	46.231	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	344674	46.395	ug/L	100
19) 1,1-Dichloroethane	3.599	63	179470	46.636	ug/L	98
20) cis-1,2-Dichloroethene	4.477	96	111668	46.005	ug/L	96
22) 2-Butanone	4.556	43	152966	95.706	ug/L	98
23) Bromochloromethane	4.891	128	58766	48.163	ug/L	96
25) Chloroform	5.087	83	193192	46.783	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	150223	47.079	ug/L	98
29) Cyclohexane	5.458	56	164688	47.184	ug/L	100
30) 1,1,1-Trichloroethane	5.373	97	167838	46.060	ug/L	99
31) Carbon tetrachloride	5.672	117	141434	47.312	ug/L	100
33) Benzene	6.031	78	395987	46.185	ug/L	100
34) Trichloroethene	7.117	95	104713	45.428	ug/L	99
35) Methylcyclohexane	7.373	83	165624	48.093	ug/L	98
37) 1,2-Dichloropropane	7.421	63	103881	45.484	ug/L	99
38) Bromodichloromethane	7.818	83	131400	45.234	ug/L	93
39) cis-1,3-Dichloropropene	8.360	75	173759	46.603	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	286745	92.243	ug/L	100
42) Toluene	8.714	91	419629	46.532	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	157497	46.325	ug/L	100
45) 1,1,2-Trichloroethane	9.147	97	107564	45.929	ug/L	100
46) Tetrachloroethene	9.269	164	78403	47.254	ug/L	96
48) 2-Hexanone	9.427	43	217518	93.611	ug/L	99
49) Dibromochloromethane	9.519	129	101521	46.507	ug/L	98
50) 1,2-Dibromoethane	9.604	107	110085	45.525	ug/L	99
51) Chlorobenzene	10.079	112	269146	45.667	ug/L	99
52) Ethylbenzene	10.189	91	461123	47.042	ug/L	99
53) m,p-Xylene	10.299	106	177972	47.033	ug/L	98
54) o-Xylene	10.640	106	171789	45.538	ug/L	96
55) Styrene	10.653	104	295267	47.052	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.207	83	159818	45.563	ug/L	100
59) Bromoform	10.799	173	68520	47.657	ug/L	97
60) Isopropylbenzene	10.957	105	461632	48.434	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	123217	46.181	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	390681	48.766	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	384715	48.230	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	201596	48.086	ug/L	97
65) 1,4-Dichlorobenzene	12.036	146	199918	47.344	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	201644	47.066	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	31691	47.434	ug/L	98
69) 1,3,5-Trichlorobenzene	13.109	180	131093	46.883	ug/L	97
70) 1,2,4-trichlorobenzene	13.585	180	124178	48.434	ug/L	98
71) Naphthalene	13.774	128	460754	48.394	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	124386	46.943	ug/L	98

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

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