

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070824\
 Data File : VX042226.D
 Acq On : 08 Jul 2024 10:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050745

Quant Time: Jul 09 02:33:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 06 05:37:46 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	281476	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	263580	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	143904	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	64640	39.454	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.900%
7) Chloroethane-d5	1.648	69	47047	45.607	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.220%
11) 1,1-Dichloroethene-d2	2.294	65	31589	44.055	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.100%
21) 2-Butanone-d5	4.459	46	120480	102.043	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.040%
24) Chloroform-d	5.050	84	156036	47.367	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.740%
26) 1,2-Dichloroethane-d4	5.952	65	94132	48.412	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.820%
32) Benzene-d6	5.970	84	312600	45.883	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.760%
36) 1,2-Dichloropropane-d6	7.306	67	95474	46.566	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.140%
41) Toluene-d8	8.647	98	296474	46.697	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	8.952	79	43814	49.445	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.880%
47) 2-Hexanone-d5	9.384	63	94759	101.818	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.820%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	147247	48.578	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.160%
66) 1,2-Dichlorobenzene-d4	12.317	152	130856	46.817	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	97208	48.282	ug/L	99
3) Chloromethane	1.301	50	95974	47.171	ug/L	99
5) Vinyl chloride	1.374	62	93792	46.868	ug/L	99
6) Bromomethane	1.599	94	53298	48.878	ug/L	100
8) Chloroethane	1.666	64	49709	49.835	ug/L	100
9) Trichlorofluoromethane	1.874	101	136996	52.600	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	91581	51.023	ug/L	99
12) 1,1-Dichloroethene	2.307	96	81603	47.998	ug/L	96
13) Acetone	2.386	43	104860	130.190	ug/L	94
14) Carbon disulfide	2.502	76	195602	46.246	ug/L	99
15) Methyl Acetate	2.709	43	100405	49.063	ug/L	100
16) Methylene chloride	2.788	84	95111	45.343	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	84744	48.462	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	278371	48.681	ug/L	99
19) 1,1-Dichloroethane	3.605	63	154240	49.119	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	98281	47.840	ug/L	99
22) 2-Butanone	4.562	43	147194	109.176	ug/L	100
23) Bromochloromethane	4.904	128	53157	48.417	ug/L	97
25) Chloroform	5.086	83	160738	48.821	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	120418	49.353	ug/L	98
29) Cyclohexane	5.464	56	140957	49.483	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	139836	48.729	ug/L	100
31) Carbon tetrachloride	5.672	117	125466	50.054	ug/L	100
33) Benzene	6.031	78	354103	48.041	ug/L	100
34) Trichloroethene	7.123	95	93378	48.364	ug/L	99
35) Methylcyclohexane	7.379	83	150897	51.545	ug/L	98
37) 1,2-Dichloropropane	7.428	63	89689	47.424	ug/L	99
38) Bromodichloromethane	7.818	83	112341	48.508	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	141776	50.912	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	267236	99.068	ug/L	99
42) Toluene	8.714	91	386748	49.174	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	127944	51.245	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	98047	48.453	ug/L	97
46) Tetrachloroethene	9.275	164	90642	50.155	ug/L	99
48) 2-Hexanone	9.433	43	216102	102.014	ug/L	99
49) Dibromochloromethane	9.519	129	101664	49.330	ug/L	99
50) 1,2-Dibromoethane	9.610	107	105871	48.715	ug/L	99
51) Chlorobenzene	10.079	112	262840	48.685	ug/L	98
52) Ethylbenzene	10.195	91	429428	50.245	ug/L	99
53) m,p-Xylene	10.299	106	171160	49.754	ug/L	99
54) o-Xylene	10.640	106	171220	49.826	ug/L	98
55) Styrene	10.653	104	293207	51.208	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	155999	48.032	ug/L	99
59) Bromoform	10.799	173	86327	47.858	ug/L	99
60) Isopropylbenzene	10.963	105	447153	49.630	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	118989	46.565	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	343563	50.148	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	368693	50.215	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	220434	48.786	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	222260	48.628	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	223158	47.978	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	31729	48.506	ug/L	90
69) 1,3,5-Trichlorobenzene	13.109	180	169052	51.493	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	149930	50.210	ug/L	99
71) Naphthalene	13.774	128	455061	49.297	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	157428	49.892	ug/L	100

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

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