

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072024\
 Data File : VX042404.D
 Acq On : 19 Jul 2024 16:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050749

Quant Time: Jul 20 01:43:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 19 05:29:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	265948	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	245061	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	131225	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	65599	42.377	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.760%
7) Chloroethane-d5	1.648	69	42041	43.134	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.260%
11) 1,1-Dichloroethene-d2	2.294	65	33329	49.195	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.400%
21) 2-Butanone-d5	4.458	46	111972	100.375	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.370%
24) Chloroform-d	5.056	84	156635	50.325	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.660%
26) 1,2-Dichloroethane-d4	5.952	65	90460	49.240	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.480%
32) Benzene-d6	5.970	84	320055	50.527	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.060%
36) 1,2-Dichloropropane-d6	7.306	67	95090	49.883	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.760%
41) Toluene-d8	8.647	98	295861	50.122	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.240%
43) trans-1,3-Dichloroprop...	8.952	79	40211	48.808	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.620%
47) 2-Hexanone-d5	9.384	63	85064	98.308	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.310%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	137358	48.740	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.480%
66) 1,2-Dichlorobenzene-d4	12.317	152	123857	48.594	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	96280	50.613	ug/L	100
3) Chloromethane	1.301	50	91748	47.727	ug/L	100
5) Vinyl chloride	1.374	62	85234	45.079	ug/L	96
6) Bromomethane	1.599	94	40465	39.276	ug/L	97
8) Chloroethane	1.666	64	45725	48.517	ug/L	100
9) Trichlorofluoromethane	1.874	101	113338	46.057	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	87799	51.772	ug/L	98
12) 1,1-Dichloroethene	2.313	96	79388	49.421	ug/L	85
13) Acetone	2.386	43	79053	103.880	ug/L	97
14) Carbon disulfide	2.502	76	175248	43.853	ug/L	98
15) Methyl Acetate	2.703	43	101090	52.282	ug/L	98
16) Methylene chloride	2.788	84	89537	45.178	ug/L	96
17) trans-1,2-Dichloroethene	3.087	96	80260	48.578	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	281060	52.021	ug/L	99
19) 1,1-Dichloroethane	3.605	63	156328	52.691	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	97618	50.292	ug/L	98
22) 2-Butanone	4.562	43	134468	105.560	ug/L	97
23) Bromochloromethane	4.897	128	51252	49.408	ug/L	95
25) Chloroform	5.086	83	164295	52.815	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	121899	52.877	ug/L	98
29) Cyclohexane	5.464	56	135132	51.023	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	138515	51.916	ug/L	98
31) Carbon tetrachloride	5.672	117	119919	51.456	ug/L	99
33) Benzene	6.031	78	349797	51.043	ug/L	100
34) Trichloroethene	7.123	95	89037	49.601	ug/L	98
35) Methylcyclohexane	7.379	83	137358	50.466	ug/L	97
37) 1,2-Dichloropropane	7.427	63	92759	52.754	ug/L	100
38) Bromodichloromethane	7.818	83	110611	51.371	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	137521	53.116	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	268205	106.941	ug/L	98
42) Toluene	8.714	91	372245	50.907	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	123680	53.281	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	98194	52.193	ug/L	99
46) Tetrachloroethene	9.269	164	82976	49.383	ug/L	97
48) 2-Hexanone	9.433	43	210174	106.713	ug/L	98
49) Dibromochloromethane	9.519	129	97328	50.795	ug/L	99
50) 1,2-Dibromoethane	9.610	107	101959	50.460	ug/L	99
51) Chlorobenzene	10.079	112	252088	50.222	ug/L	98
52) Ethylbenzene	10.189	91	410447	51.653	ug/L	98
53) m,p-Xylene	10.299	106	161487	50.489	ug/L	98
54) o-Xylene	10.640	106	164450	51.472	ug/L	99
55) Styrene	10.653	104	276344	51.910	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	155564	51.517	ug/L	99
59) Bromoform	10.799	173	80304	48.821	ug/L	99
60) Isopropylbenzene	10.963	105	427461	52.029	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	117444	50.401	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	318186	50.931	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	343975	51.375	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	206276	50.063	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	209240	50.202	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	212625	50.130	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	29544	49.529	ug/L	99
69) 1,3,5-Trichlorobenzene	13.109	180	151143	50.486	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	139379	51.186	ug/L	97
71) Naphthalene	13.774	128	437572	51.983	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	146238	50.824	ug/L	99

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

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