

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100424\
 Data File : VX043272.D
 Acq On : 04 Oct 2024 08:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/07/2024
 Supervised By : Mahesh Dadoda 10/07/2024

Quant Time: Oct 04 23:22:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	98210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	173206	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	151516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	73784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	82312	51.319	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.640%			
35) Dibromofluoromethane	5.379	113	60686	50.805	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.600%			
50) Toluene-d8	8.647	98	200530	48.443	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.880%			
62) 4-Bromofluorobenzene	11.079	95	77965	51.844	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.680%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	53431	46.772	ug/l	97
3) Chloromethane	1.294	50	53041	45.083	ug/l	100
4) Vinyl Chloride	1.374	62	54086	45.895	ug/l	97
5) Bromomethane	1.599	94	22393	46.510	ug/l	97
6) Chloroethane	1.666	64	25532	58.179	ug/l	98
7) Trichlorofluoromethane	1.874	101	86380	49.057	ug/l	99
8) Diethyl Ether	2.136	74	33636	49.088	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	51255	46.646	ug/l	99
10) Methyl Iodide	2.447	142	65747	47.638	ug/l	99
11) Tert butyl alcohol	2.989	59	86848	284.545	ug/l	100
12) 1,1-Dichloroethene	2.313	96	49427	45.298	ug/l	97
13) Acrolein	2.239	56	76068	263.871	ug/l	97
14) Allyl chloride	2.660	41	89041	49.670	ug/l	100
15) Acrylonitrile	3.062	53	161149	258.568	ug/l	99
16) Acetone	2.386	43	194835	290.881	ug/l	99
17) Carbon Disulfide	2.501	76	111277	41.928	ug/l	97
18) Methyl Acetate	2.703	43	92390	54.984	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	198603	50.874	ug/l	99
20) Methylene Chloride	2.782	84	58304	47.210	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	51154	47.105	ug/l	97
22) Diisopropyl ether	3.757	45	182412	50.590	ug/l	93
23) Vinyl Acetate	3.715	43	1121559	267.348	ug/l	100
24) 1,1-Dichloroethane	3.605	63	103641	49.339	ug/l	99
25) 2-Butanone	4.556	43	247165	269.125	ug/l	99
26) 2,2-Dichloropropane	4.471	77	98041	49.055	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	65793	48.579	ug/l	98
28) Bromochloromethane	4.891	49	39901	48.148	ug/l	99
29) Tetrahydrofuran	5.001	42	147639	252.348	ug/l	99
30) Chloroform	5.086	83	111191	48.201	ug/l	99
31) Cyclohexane	5.458	56	75369	43.549	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	99570	46.994	ug/l	99
36) 1,1-Dichloropropene	5.684	75	67496	44.728	ug/l	99
37) Ethyl Acetate	4.708	43	91295	50.379	ug/l	99
38) Carbon Tetrachloride	5.666	117	82516	46.191	ug/l	96
39) Methylcyclohexane	7.373	83	85322	44.955	ug/l	95
40) Benzene	6.031	78	214561	46.897	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	49781	52.772	ug/l	99
42) 1,2-Dichloroethane	6.080	62	91905	49.295	ug/l	99
43) Isopropyl Acetate	6.336	43	150509	50.284	ug/l	100
44) Trichloroethene	7.117	130	55333	45.597	ug/l	96
45) 1,2-Dichloropropane	7.421	63	54310	48.371	ug/l	100
46) Dibromomethane	7.580	93	44884	49.887	ug/l	99
47) Bromodichloromethane	7.818	83	88204	49.865	ug/l	97
48) Methyl methacrylate	7.690	41	72595	49.430	ug/l	100
49) 1,4-Dioxane	7.659	88	31400	1099.879	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	464676	255.609	ug/l	99
52) Toluene	8.714	92	133255	46.472	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	89296	50.802	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	94029	49.877	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	56759	49.807	ug/l	99
56) Ethyl methacrylate	9.116	69	96594	51.846	ug/l	100
57) 1,3-Dichloropropane	9.305	76	95851	49.384	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	208949	248.809	ug/l	100
59) 2-Hexanone	9.427	43	367487	267.315	ug/l	100
60) Dibromochloromethane	9.519	129	67116	50.767	ug/l	99
61) 1,2-Dibromoethane	9.604	107	60661	49.545	ug/l	98
64) Tetrachloroethene	9.269	164	47173	44.869	ug/l	96
65) Chlorobenzene	10.079	112	151633	46.550	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	56091	48.697	ug/l	100
67) Ethyl Benzene	10.189	91	260619	46.288	ug/l	99
68) m/p-Xylenes	10.299	106	196455	92.329	ug/l	100
69) o-Xylene	10.640	106	99071	46.857	ug/l	98
70) Styrene	10.652	104	170532	49.768	ug/l	99
71) Bromoform	10.799	173	45438	51.496	ug/l #	99
73) Isopropylbenzene	10.963	105	251231	43.795	ug/l	100
74) N-amyl acetate	10.841	43	128321	47.122	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	88213	47.203	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	76517m	46.753	ug/l	
77) Bromobenzene	11.195	156	63319	45.357	ug/l	99
78) n-propylbenzene	11.305	91	286122	45.434	ug/l	100
79) 2-Chlorotoluene	11.360	91	182310	45.030	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	213242	45.063	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	29808	47.202	ug/l	97
82) 4-Chlorotoluene	11.451	91	211547	45.868	ug/l	99
83) tert-Butylbenzene	11.713	119	214282	43.954	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	215626	45.288	ug/l	97
85) sec-Butylbenzene	11.890	105	259321	44.871	ug/l	100
86) p-Isopropyltoluene	12.006	119	218476	45.311	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	115151	46.825	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	115439	45.532	ug/l	99
89) n-Butylbenzene	12.329	91	192154	47.602	ug/l	98
90) Hexachloroethane	12.536	117	40897	45.226	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	116483	46.317	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21458	47.029	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	70837	48.858	ug/l	99
94) Hexachlorobutadiene	13.725	225	26921	46.839	ug/l	96
95) Naphthalene	13.774	128	250442	46.988	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	71254	47.633	ug/l	97

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

