

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
 Data File : VX041291.D
 Acq On : 30 Apr 2024 10:14
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: May 01 02:27:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:16:22 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/01/2024
 Supervised By : Semsettin Yesilyurt 05/01/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	221319	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	293896	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	283679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	237500	98.574	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 197.140%#			
35) Dibromofluoromethane	5.385	113	202334	101.591	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 203.180%#			
50) Toluene-d8	8.647	98	697722	110.684	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 221.360%#			
62) 4-Bromofluorobenzene	11.079	95	255092	104.537	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 209.080%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	218932	120.386	ug/l	98
3) Chloromethane	1.300	50	203787	108.292	ug/l	98
4) Vinyl Chloride	1.380	62	190254	106.055	ug/l	99
5) Bromomethane	1.599	94	130264	115.831	ug/l	100
6) Chloroethane	1.666	64	86514	103.867	ug/l	98
7) Trichlorofluoromethane	1.861	101	327823	105.975	ug/l	97
8) Diethyl Ether	2.136	74	115544	105.974	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.319	101	189382	108.928	ug/l	88
10) Methyl Iodide	2.440	142	218611	116.829	ug/l	89
11) Tert butyl alcohol	3.050	59	265116	549.759	ug/l	# 96
12) 1,1-Dichloroethene	2.306	96	187422	109.281	ug/l	89
13) Acrolein	2.245	56	182123	476.050	ug/l	100
14) Allyl chloride	2.660	41	312412	108.424	ug/l	# 95
15) Acrylonitrile	3.075	53	593855	539.564	ug/l	99
16) Acetone	2.398	43	555607	528.014	ug/l	96
17) Carbon Disulfide	2.501	76	485746	120.486	ug/l	100
18) Methyl Acetate	2.709	43	257868	104.610	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	666820	106.657	ug/l	99
20) Methylene Chloride	2.788	84	214740	102.665	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	205219	107.072	ug/l	90
22) Diisopropyl ether	3.770	45	643388	105.359	ug/l	# 84
23) Vinyl Acetate	3.727	43	3011567	551.310	ug/l	# 95
24) 1,1-Dichloroethane	3.605	63	367688	106.578	ug/l	97
25) 2-Butanone	4.568	43	820743	526.319	ug/l	97
26) 2,2-Dichloropropane	4.471	77	320186	111.003	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	248425	109.470	ug/l	90
28) Bromochloromethane	4.897	49	117795	95.672	ug/l	# 75
29) Tetrahydrofuran	5.013	42	531939	521.588	ug/l	95
30) Chloroform	5.092	83	368891	102.777	ug/l	98
31) Cyclohexane	5.464	56	288473	99.203	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	338206	103.570	ug/l	97
36) 1,1-Dichloropropene	5.690	75	250095	105.015	ug/l	96
37) Ethyl Acetate	4.721	43	326484	109.870	ug/l	98
38) Carbon Tetrachloride	5.672	117	298353	109.357	ug/l	98
39) Methylcyclohexane	7.379	83	278514	99.546	ug/l	93
40) Benzene	6.037	78	736513	100.320	ug/l	100

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41) Methacrylonitrile	4.928	41	174075	113.820	ug/l	95
42) 1,2-Dichloroethane	6.086	62	268062	99.629	ug/l	96
43) Isopropyl Acetate	6.348	43	468703	104.907	ug/l	98
44) Trichloroethene	7.123	130	194854	100.511	ug/l	86
45) 1,2-Dichloropropane	7.427	63	163760	99.834	ug/l	100
46) Dibromomethane	7.580	93	130646	100.050	ug/l #	78
47) Bromodichloromethane	7.818	83	260446	111.926	ug/l	100
48) Methyl methacrylate	7.696	41	215615	105.276	ug/l	94
49) 1,4-Dioxane	7.677	88	94961	2249.230	ug/l #	91
51) 4-Methyl-2-Pentanone	8.580	43	1523604	568.311	ug/l	98
52) Toluene	8.720	92	499820	111.292	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	279552	121.252	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	313630	122.599	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	194634	112.535	ug/l	98
56) Ethyl methacrylate	9.116	69	306280	114.424	ug/l	98
57) 1,3-Dichloropropane	9.311	76	307344	106.476	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	770580	593.724	ug/l	92
59) 2-Hexanone	9.433	43	1184368	552.471	ug/l	97
60) Dibromochloromethane	9.518	129	239304	117.531	ug/l	99
61) 1,2-Dibromoethane	9.610	107	207238	108.914	ug/l	99
64) Tetrachloroethene	9.275	164	205587	100.080	ug/l #	89
65) Chlorobenzene	10.079	112	575458	99.927	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	214716	105.522	ug/l	98
67) Ethyl Benzene	10.195	91	965910	101.662	ug/l	97
68) m/p-Xylenes	10.299	106	774992	203.689	ug/l	91
69) o-Xylene	10.640	106	364419	100.032	ug/l	92
70) Styrene	10.652	104	633641	105.997	ug/l	95
71) Bromoform	10.799	173	198209	108.844	ug/l #	99
73) Isopropylbenzene	10.963	105	869334	89.999	ug/l	96
74) N-amyl acetate	10.841	43	403263	95.558	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	284176	89.782	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	227296m	86.501	ug/l	
77) Bromobenzene	11.201	156	255373	93.672	ug/l	77
78) n-propylbenzene	11.305	91	965287	95.147	ug/l	95
79) 2-Chlorotoluene	11.366	91	593048	90.711	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	742396	94.281	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	98547	104.089	ug/l	90
82) 4-Chlorotoluene	11.457	91	694246	93.538	ug/l	92
83) tert-Butylbenzene	11.713	119	836947	99.255	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	781960	98.694	ug/l	93
85) sec-Butylbenzene	11.890	105	965561	99.920	ug/l	94
86) p-Isopropyltoluene	12.006	119	873792	100.682	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	481165	97.100	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	495928	97.138	ug/l	95
89) n-Butylbenzene	12.329	91	723240	103.636	ug/l	96
90) Hexachloroethane	12.536	117	148104	102.043	ug/l	59
91) 1,2-Dichlorobenzene	12.335	146	496931	94.942	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.939	75	69970	95.666	ug/l	58
93) 1,2,4-Trichlorobenzene	13.585	180	349323	95.480	ug/l	95
94) Hexachlorobutadiene	13.725	225	158893	86.970	ug/l	100
95) Naphthalene	13.774	128	1021372	94.206	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	350410	93.714	ug/l	95

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

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