

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042790.D
 Acq On : 01 Aug 2024 11:27
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 01 16:17:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 01 16:14:44 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/01/2024
 Supervised By : Semsettin Yesilyurt 08/03/2024

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	87701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	154012	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	142862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69001	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	143988	102.192	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 204.380%#			
35) Dibromofluoromethane	5.385	113	111309	104.620	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 209.240%#			
50) Toluene-d8	8.647	98	402933	104.338	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 208.680%#			
62) 4-Bromofluorobenzene	11.079	95	154450	109.440	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 218.880%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	145808	104.913	ug/l	99
3) Chloromethane	1.300	50	108624	98.655	ug/l	98
4) Vinyl Chloride	1.374	62	106681	98.071	ug/l	100
5) Bromomethane	1.599	94	40838	108.960	ug/l	100
6) Chloroethane	1.666	64	39990	101.825	ug/l	99
7) Trichlorofluoromethane	1.867	101	133450	91.409	ug/l	99
8) Diethyl Ether	2.136	74	52576	94.516	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.318	101	108219	98.270	ug/l	97
10) Methyl Iodide	2.440	142	113759	107.930	ug/l	97
11) Tert butyl alcohol	3.001	59	131093	505.441	ug/l #	92
12) 1,1-Dichloroethene	2.306	96	108002	101.182	ug/l	83
13) Acrolein	2.239	56	138018	498.344	ug/l	98
14) Allyl chloride	2.660	41	133484	97.266	ug/l #	92
15) Acrylonitrile	3.074	53	292345	505.142	ug/l	99
16) Acetone	2.392	43	250439	489.495	ug/l	90
17) Carbon Disulfide	2.501	76	254587	105.726	ug/l	99
18) Methyl Acetate	2.709	43	137301	106.928	ug/l #	89
19) Methyl tert-butyl Ether	3.123	73	361459	102.143	ug/l	95
20) Methylene Chloride	2.788	84	117434	100.615	ug/l	86
21) trans-1,2-Dichloroethene	3.087	96	108067	98.120	ug/l	86
22) Diisopropyl ether	3.769	45	291920	99.229	ug/l #	81
23) Vinyl Acetate	3.727	43	1347219	526.775	ug/l #	91
24) 1,1-Dichloroethane	3.605	63	194687	101.878	ug/l	96
25) 2-Butanone	4.568	43	389366	517.972	ug/l #	88
26) 2,2-Dichloropropane	4.471	77	166338	101.697	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	131174	101.885	ug/l	88
28) Bromochloromethane	4.897	49	64435	94.065	ug/l #	76
29) Tetrahydrofuran	5.013	42	244451	522.076	ug/l #	83
30) Chloroform	5.092	83	213034	100.257	ug/l	98
31) Cyclohexane	5.464	56	159888	102.990	ug/l #	85
32) 1,1,1-Trichloroethane	5.385	97	199106	105.497	ug/l	96
36) 1,1-Dichloropropene	5.690	75	142568	103.330	ug/l	97
37) Ethyl Acetate	4.721	43	146239	103.831	ug/l	96
38) Carbon Tetrachloride	5.672	117	171150	107.635	ug/l	98
39) Methylcyclohexane	7.379	83	187872	108.662	ug/l	91
40) Benzene	6.037	78	444257	102.614	ug/l	99

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41) Methacrylonitrile	4.928	41	80568	108.173	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	163173	104.351	ug/l	97
43) Isopropyl Acetate	6.348	43	240206	109.037	ug/l #	93
44) Trichloroethene	7.122	130	116864	103.109	ug/l	99
45) 1,2-Dichloropropane	7.427	63	104197	107.328	ug/l	99
46) Dibromomethane	7.580	93	86756	104.929	ug/l	95
47) Bromodichloromethane	7.824	83	168127	111.511	ug/l	98
48) Methyl methacrylate	7.696	41	121379	112.067	ug/l #	85
49) 1,4-Dioxane	7.665	88	58308	2110.939	ug/l #	84
51) 4-Methyl-2-Pentanone	8.580	43	800472	548.630	ug/l	93
52) Toluene	8.720	92	291130	103.645	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	172191	115.281	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	178549	112.530	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	114989	101.216	ug/l	97
56) Ethyl methacrylate	9.116	69	191931	116.649	ug/l	88
57) 1,3-Dichloropropane	9.311	76	188953	105.393	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	425983	562.124	ug/l	93
59) 2-Hexanone	9.433	43	624970	552.359	ug/l	92
60) Dibromochloromethane	9.518	129	132035	114.741	ug/l	100
61) 1,2-Dibromoethane	9.610	107	123486	109.549	ug/l	99
64) Tetrachloroethene	9.275	164	98283	101.551	ug/l	99
65) Chlorobenzene	10.079	112	321993	102.072	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	115375	109.481	ug/l	99
67) Ethyl Benzene	10.195	91	559895	105.566	ug/l	99
68) m/p-Xylenes	10.299	106	434520	214.448	ug/l	99
69) o-Xylene	10.640	106	214135	106.892	ug/l	99
70) Styrene	10.652	104	365198	107.867	ug/l	98
71) Bromoform	10.799	173	89275	113.386	ug/l #	98
73) Isopropylbenzene	10.963	105	555454	105.214	ug/l	99
74) N-amyl acetate	10.841	43	222555	109.668	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	181269	99.493	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	149219m	92.736	ug/l	
77) Bromobenzene	11.201	156	131593	100.651	ug/l	93
78) n-propylbenzene	11.305	91	627899	106.668	ug/l	99
79) 2-Chlorotoluene	11.366	91	385610	100.650	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	469733	103.841	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	60202	113.012	ug/l	89
82) 4-Chlorotoluene	11.457	91	450612	103.648	ug/l	99
83) tert-Butylbenzene	11.713	119	485090	107.604	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	483633	107.083	ug/l	97
85) sec-Butylbenzene	11.890	105	579814	105.052	ug/l	98
86) p-Isopropyltoluene	12.006	119	493732	106.107	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	244368	100.205	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	247764	100.995	ug/l	100
89) n-Butylbenzene	12.329	91	429271	112.742	ug/l	99
90) Hexachloroethane	12.536	117	88137	106.921	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	243499	100.953	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	45767	112.894	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	151517	109.419	ug/l	99
94) Hexachlorobutadiene	13.725	225	57754	96.042	ug/l	98
95) Naphthalene	13.774	128	575870	108.981	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	156303	109.815	ug/l	100

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

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