

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083742.D
 Acq On : 10 Sep 2024 09:08
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 11 01:53:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 01:38:19 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 09/11/2024
 Supervised By :Semsettin Yesilyurt 09/11/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	179260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	305334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	267844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131982	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	266987	98.775	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 197.540%#			
35) Dibromofluoromethane	8.159	113	192905	98.687	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 197.380%#			
50) Toluene-d8	10.565	98	715598	105.896	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 211.800%#			
62) 4-Bromofluorobenzene	12.847	95	273293	98.025	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 196.040%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	202748	97.390	ug/l	99
3) Chloromethane	2.359	50	205418	98.414	ug/l	97
4) Vinyl Chloride	2.518	62	211906	92.865	ug/l	98
5) Bromomethane	2.906	94	117285	89.520	ug/l	99
6) Chloroethane	3.077	64	136074	85.956	ug/l	97
7) Trichlorofluoromethane	3.471	101	354762	91.591	ug/l	99
8) Diethyl Ether	3.953	74	124053	95.544	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.359	101	195938	95.438	ug/l	98
10) Methyl Iodide	4.577	142	249832	95.682	ug/l	96
11) Tert butyl alcohol	5.536	59	159849	441.627	ug/l	100
12) 1,1-Dichloroethene	4.324	96	185025	95.429	ug/l	93
13) Acrolein	4.171	56	158000	442.417	ug/l	99
14) Allyl chloride	5.012	41	334937	96.948	ug/l	98
15) Acrylonitrile	5.718	53	454054	461.277	ug/l	99
16) Acetone	4.424	43	515707	475.936	ug/l	98
17) Carbon Disulfide	4.700	76	497982	91.817	ug/l	100
18) Methyl Acetate	5.018	43	217598	98.170	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	668351	95.259	ug/l	100
20) Methylene Chloride	5.271	84	203805	91.913	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	191098	91.967	ug/l	95
22) Diisopropyl ether	6.665	45	694175	97.608	ug/l	99
23) Vinyl Acetate	6.600	43	2661752	511.076	ug/l	99
24) 1,1-Dichloroethane	6.565	63	383257	93.539	ug/l	99
25) 2-Butanone	7.483	43	667006	468.347	ug/l	99
26) 2,2-Dichloropropane	7.483	77	374693	99.301	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	237908	96.450	ug/l	100
28) Bromochloromethane	7.812	49	171038	99.126	ug/l	97
29) Tetrahydrofuran	7.835	42	398869	473.660	ug/l	99
30) Chloroform	7.965	83	410584	94.390	ug/l	100
31) Cyclohexane	8.253	56	346019	88.574	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	380933	95.240	ug/l	99
36) 1,1-Dichloropropene	8.365	75	287609	97.756	ug/l	99
37) Ethyl Acetate	7.559	43	263623	98.714	ug/l	98
38) Carbon Tetrachloride	8.359	117	330457	99.004	ug/l	99
39) Methylcyclohexane	9.600	83	346860	103.576	ug/l	99
40) Benzene	8.600	78	854656	96.512	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	158600	100.410	ug/l	97
42) 1,2-Dichloroethane	8.665	62	319551	96.572	ug/l	99
43) Isopropyl Acetate	8.688	43	473198	97.780	ug/l	97
44) Trichloroethene	9.347	130	197536	96.327	ug/l	93
45) 1,2-Dichloropropane	9.618	63	206374	96.423	ug/l	100
46) Dibromomethane	9.706	93	147957	98.695	ug/l	99
47) Bromodichloromethane	9.888	83	327336	100.891	ug/l	98
48) Methyl methacrylate	9.677	41	227071	98.898	ug/l	98
49) 1,4-Dioxane	9.694	88	68427	1811.632	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	1295313	491.701	ug/l	99
52) Toluene	10.629	92	539024	99.513	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	335958	102.158	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	350699	101.521	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	192101	94.997	ug/l	99
56) Ethyl methacrylate	10.871	69	327895	105.392	ug/l	99
57) 1,3-Dichloropropane	11.159	76	340321	97.921	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	747188	666.516	ug/l	97
59) 2-Hexanone	11.194	43	963063	494.210	ug/l	99
60) Dibromochloromethane	11.359	129	230885	102.022	ug/l	100
61) 1,2-Dibromoethane	11.471	107	197595	97.978	ug/l	99
64) Tetrachloroethene	11.106	164	167917	94.271	ug/l	97
65) Chlorobenzene	11.888	112	560440	94.145	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	201130	97.460	ug/l	99
67) Ethyl Benzene	11.965	91	1063437	100.561	ug/l	98
68) m/p-Xylenes	12.070	106	786134	200.232	ug/l	99
69) o-Xylene	12.394	106	378786	99.660	ug/l	99
70) Styrene	12.412	104	646938	103.715	ug/l	100
71) Bromoform	12.576	173	145739	104.798	ug/l #	100
73) Isopropylbenzene	12.694	105	1012206	99.129	ug/l	99
74) N-amyl acetate	12.494	43	430629	98.846	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	268013	89.333	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	231193m	86.812	ug/l	
77) Bromobenzene	12.976	156	221922	90.289	ug/l	99
78) n-propylbenzene	13.035	91	1192155	100.345	ug/l	99
79) 2-Chlorotoluene	13.123	91	712679	94.060	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	845837	98.252	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	102156	100.466	ug/l	96
82) 4-Chlorotoluene	13.217	91	718771	94.532	ug/l	99
83) tert-Butylbenzene	13.435	119	738032	97.989	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	851267	98.439	ug/l	100
85) sec-Butylbenzene	13.617	105	1017747	101.889	ug/l	100
86) p-Isopropyltoluene	13.729	119	854481	102.048	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	416366	89.760	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	418608	89.123	ug/l	99
89) n-Butylbenzene	14.053	91	756542	100.632	ug/l	100
90) Hexachloroethane	14.335	117	160428	95.312	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	414582	92.608	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	57895	96.804	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	227276	94.607	ug/l	99
94) Hexachlorobutadiene	15.500	225	93025	91.182	ug/l	99
95) Naphthalene	15.641	128	719851	98.492	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	215058	93.670	ug/l	100

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

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