

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083744.D
 Acq On : 10 Sep 2024 09:56
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

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

Quant Time: Sep 10 10:35:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 10:34:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	166235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	289856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	250204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	115572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	48361	20.816	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	41.640%#		
35) Dibromofluoromethane	8.165	113	35608	20.411	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.820%#		
50) Toluene-d8	10.565	98	125940	20.129	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	40.260%#		
62) 4-Bromofluorobenzene	12.847	95	49404	19.631	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	39.260%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	36314	20.641	ug/l	97
3) Chloromethane	2.359	50	36685	17.900	ug/l	96
4) Vinyl Chloride	2.512	62	38791	18.912	ug/l	100
5) Bromomethane	2.901	94	21679	20.106	ug/l	99
6) Chloroethane	3.071	64	27024	20.162	ug/l	97
7) Trichlorofluoromethane	3.465	101	64554	19.112	ug/l	98
8) Diethyl Ether	3.953	74	21759	18.020	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.359	101	35174	19.202	ug/l	99
10) Methyl Iodide	4.583	142	44592	17.996	ug/l	97
11) Tert butyl alcohol	5.530	59	28759	79.391	ug/l #	89
12) 1,1-Dichloroethene	4.324	96	33017	18.130	ug/l	93
13) Acrolein	4.171	56	28384	82.822	ug/l	98
14) Allyl chloride	5.012	41	59397	18.293	ug/l	98
15) Acrylonitrile	5.718	53	82736	92.614	ug/l	99
16) Acetone	4.430	43	82975	89.559	ug/l	97
17) Carbon Disulfide	4.700	76	91754	17.289	ug/l	98
18) Methyl Acetate	5.024	43	40802	16.560	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	118561	18.354	ug/l	99
20) Methylene Chloride	5.271	84	36677	17.927	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	34418	18.144	ug/l	93
22) Diisopropyl ether	6.665	45	120044	18.750	ug/l	96
23) Vinyl Acetate	6.600	43	444933	93.775	ug/l	98
24) 1,1-Dichloroethane	6.565	63	68708	18.818	ug/l	95
25) 2-Butanone	7.483	43	114121	90.469	ug/l	98
26) 2,2-Dichloropropane	7.483	77	62400	18.357	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	41954	18.534	ug/l	98
28) Bromochloromethane	7.812	49	53598	31.436	ug/l	97
29) Tetrahydrofuran	7.841	42	70914	90.632	ug/l	97
30) Chloroform	7.965	83	71173	18.502	ug/l	95
31) Cyclohexane	8.253	56	63135	17.568	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	66850	19.219	ug/l	99
36) 1,1-Dichloropropene	8.365	75	49788	18.710	ug/l	98
37) Ethyl Acetate	7.559	43	48600	18.351	ug/l	97
38) Carbon Tetrachloride	8.359	117	57424	18.914	ug/l	98
39) Methylcyclohexane	9.600	83	57763	18.090	ug/l	98
40) Benzene	8.600	78	153284	18.725	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	26216	17.347	ug/l	95
42) 1,2-Dichloroethane	8.665	62	57025	18.793	ug/l	99
43) Isopropyl Acetate	8.688	43	81557	12.209	ug/l	97
44) Trichloroethene	9.347	130	34769	17.657	ug/l	92
45) 1,2-Dichloropropane	9.618	63	36820	19.309	ug/l	98
46) Dibromomethane	9.706	93	26819	19.064	ug/l	97
47) Bromodichloromethane	9.888	83	56752	18.951	ug/l	93
48) Methyl methacrylate	9.683	41	38118	17.548	ug/l	97
49) 1,4-Dioxane	9.700	88	12461	350.099	ug/l #	94
51) 4-Methyl-2-Pentanone	10.441	43	223322	90.703	ug/l	98
52) Toluene	10.630	92	92465	18.061	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	56607	18.259	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	59309	18.226	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	33803	18.499	ug/l	99
56) Ethyl methacrylate	10.871	69	54996	18.193	ug/l	98
57) 1,3-Dichloropropane	11.159	76	59922	18.523	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	76178	57.996	ug/l	100
59) 2-Hexanone	11.194	43	166457	90.086	ug/l	98
60) Dibromochloromethane	11.359	129	39322	18.572	ug/l	97
61) 1,2-Dibromoethane	11.471	107	33980	18.202	ug/l	99
64) Tetrachloroethene	11.100	164	29225	17.770	ug/l	98
65) Chlorobenzene	11.888	112	99047	17.652	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	34533	18.228	ug/l	99
67) Ethyl Benzene	11.965	91	180186	17.990	ug/l	99
68) m/p-Xylenes	12.071	106	131781	34.925	ug/l	99
69) o-Xylene	12.394	106	65163	17.868	ug/l	99
70) Styrene	12.412	104	106635	17.390	ug/l	97
71) Bromoform	12.576	173	23098	17.117	ug/l #	94
73) Isopropylbenzene	12.694	105	169333	18.102	ug/l	99
74) N-amyl acetate	12.494	43	70708	17.415	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	47879	18.030	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	40051m	17.164	ug/l	
77) Bromobenzene	12.982	156	38905	17.728	ug/l	97
78) n-propylbenzene	13.035	91	194039	17.942	ug/l	100
79) 2-Chlorotoluene	13.123	91	124744	17.800	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	140701	17.855	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	19142	19.349	ug/l	91
82) 4-Chlorotoluene	13.218	91	125803	17.670	ug/l	100
83) tert-Butylbenzene	13.435	119	123811	17.672	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	144269	18.189	ug/l	99
85) sec-Butylbenzene	13.618	105	162813	17.484	ug/l	99
86) p-Isopropyltoluene	13.729	119	135479	17.419	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	73759	17.314	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	75199	17.179	ug/l	98
89) n-Butylbenzene	14.059	91	121438	17.750	ug/l	98
90) Hexachloroethane	14.329	117	26705	17.640	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	71804	17.502	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10057	17.462	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	40384	17.359	ug/l	98
94) Hexachlorobutadiene	15.500	225	17260	18.526	ug/l	97
95) Naphthalene	15.641	128	126764	16.959	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	39979	17.203	ug/l	99

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

