

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
 Data File : VN084083.D
 Acq On : 21 Sep 2024 02:11
 Operator : JC\MD
 Sample : VN0920WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/23/2024
 Supervised By : Mahesh Dadoda 09/23/2024

Quant Time: Sep 23 06:28:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	135387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	241309	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	213857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	99263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109824	53.797	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.600%			
35) Dibromofluoromethane	8.165	113	78951	51.107	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.220%			
50) Toluene-d8	10.565	98	275739	51.631	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.260%			
62) 4-Bromofluorobenzene	12.847	95	103819	47.118	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	27848	17.712	ug/l	94
3) Chloromethane	2.359	50	32357	19.008	ug/l	96
4) Vinyl Chloride	2.512	62	32240	18.707	ug/l	100
5) Bromomethane	2.953	94	19968	20.180	ug/l	100
6) Chloroethane	3.118	64	21829	18.057	ug/l	94
7) Trichlorofluoromethane	3.495	101	57379	19.614	ug/l	99
8) Diethyl Ether	3.959	74	20109	20.507	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	29168	18.811	ug/l	95
10) Methyl Iodide	4.589	142	37385	18.958	ug/l	99
11) Tert butyl alcohol	5.524	59	36502	133.527	ug/l	100
12) 1,1-Dichloroethene	4.342	96	27914	19.062	ug/l	98
13) Acrolein	4.183	56	19140	70.961	ug/l	100
14) Allyl chloride	5.030	41	48712	18.669	ug/l	97
15) Acrylonitrile	5.724	53	87687	117.949	ug/l	98
16) Acetone	4.430	43	79574	97.235	ug/l	99
17) Carbon Disulfide	4.712	76	71101	17.358	ug/l	100
18) Methyl Acetate	5.024	43	45359	25.700	ug/l	96
19) Methyl tert-butyl Ether	5.800	73	107626	20.311	ug/l	98
20) Methylene Chloride	5.277	84	34343	20.507	ug/l	92
21) trans-1,2-Dichloroethene	5.789	96	29237	18.630	ug/l #	83
22) Diisopropyl ether	6.677	45	116353	21.662	ug/l	97
23) Vinyl Acetate	6.606	43	418611	106.423	ug/l	99
24) 1,1-Dichloroethane	6.571	63	63499	20.520	ug/l	100
25) 2-Butanone	7.483	43	121661	113.109	ug/l	98
26) 2,2-Dichloropropane	7.488	77	40403	14.177	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	37570	20.167	ug/l	100
28) Bromochloromethane	7.818	49	29636	22.742	ug/l	91
29) Tetrahydrofuran	7.841	42	75543	118.778	ug/l	98
30) Chloroform	7.971	83	69538	21.167	ug/l	97
31) Cyclohexane	8.259	56	52082	17.652	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	62216	20.596	ug/l	95
36) 1,1-Dichloropropene	8.371	75	43563	18.735	ug/l	97
37) Ethyl Acetate	7.559	43	48758	23.102	ug/l	97
38) Carbon Tetrachloride	8.359	117	52013	19.717	ug/l	100
39) Methylcyclohexane	9.600	83	43232	16.335	ug/l	96
40) Benzene	8.606	78	137530	19.651	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	27978	22.413	ug/l	98
42) 1,2-Dichloroethane	8.671	62	53470	20.447	ug/l	100
43) Isopropyl Acetate	8.688	43	92501	24.185	ug/l	98
44) Trichloroethene	9.353	130	32232	19.888	ug/l	99
45) 1,2-Dichloropropane	9.618	63	34983	20.682	ug/l	99
46) Dibromomethane	9.706	93	24858	20.981	ug/l	99
47) Bromodichloromethane	9.888	83	54592	21.291	ug/l	97
48) Methyl methacrylate	9.677	41	39794	21.930	ug/l	98
49) 1,4-Dioxane	9.694	88	14743	493.890	ug/l #	92
51) 4-Methyl-2-Pentanone	10.447	43	258215	124.025	ug/l	96
52) Toluene	10.629	92	85057	19.869	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	50231	19.327	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	54271	19.879	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	33530	20.980	ug/l	96
56) Ethyl methacrylate	10.871	69	53871	21.909	ug/l	95
57) 1,3-Dichloropropane	11.165	76	57410	20.901	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	106429	120.127	ug/l	96
59) 2-Hexanone	11.194	43	188293	122.262	ug/l	96
60) Dibromochloromethane	11.359	129	39259	21.950	ug/l	100
61) 1,2-Dibromoethane	11.470	107	33173	20.813	ug/l	97
64) Tetrachloroethene	11.100	164	28123	19.774	ug/l	96
65) Chlorobenzene	11.894	112	91698	19.292	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	32965	20.006	ug/l	98
67) Ethyl Benzene	11.965	91	161186	19.090	ug/l	99
68) m/p-Xylenes	12.070	106	121355	38.713	ug/l	100
69) o-Xylene	12.394	106	58423	19.252	ug/l	99
70) Styrene	12.412	104	100280	20.135	ug/l	100
71) Bromoform	12.576	173	24147	21.747	ug/l #	95
73) Isopropylbenzene	12.694	105	150894	19.649	ug/l	98
74) N-amyl acetate	12.494	43	74485	22.733	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	50024	22.170	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	42855m	21.396	ug/l	
77) Bromobenzene	12.982	156	35962	19.454	ug/l	98
78) n-propylbenzene	13.035	91	177189	19.830	ug/l	100
79) 2-Chlorotoluene	13.123	91	113863	19.981	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	127485	19.690	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	14556m	19.034	ug/l	
82) 4-Chlorotoluene	13.223	91	112850	19.734	ug/l	99
83) tert-Butylbenzene	13.435	119	108978	19.238	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	129229	19.870	ug/l	99
85) sec-Butylbenzene	13.617	105	150434	20.024	ug/l	97
86) p-Isopropyltoluene	13.729	119	120849	19.190	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	66697	19.118	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	65123	18.435	ug/l	99
89) n-Butylbenzene	14.053	91	101248	17.907	ug/l	98
90) Hexachloroethane	14.329	117	25146	19.864	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	64969	19.296	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10501	23.346	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	30201	16.715	ug/l	99
94) Hexachlorobutadiene	15.506	225	14298	18.634	ug/l	98
95) Naphthalene	15.641	128	102538	18.654	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	30521	17.676	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

