

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092324\
 Data File : VN084100.D
 Acq On : 23 Sep 2024 11:05
 Operator : JC\MD
 Sample : VN0923WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/24/2024
 Supervised By : Mahesh Dadoda 09/24/2024

Quant Time: Sep 24 01:28:49 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	140304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	242174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	216112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	101675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106326	50.258	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.520%			
35) Dibromofluoromethane	8.165	113	79438	51.238	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.480%			
50) Toluene-d8	10.565	98	275738	51.446	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.900%			
62) 4-Bromofluorobenzene	12.847	95	107909	48.799	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	26807	16.452	ug/l	96
3) Chloromethane	2.359	50	30135	16.888	ug/l	98
4) Vinyl Chloride	2.518	62	28917	16.191	ug/l	94
5) Bromomethane	2.959	94	19550	19.065	ug/l	94
6) Chloroethane	3.118	64	19229	15.349	ug/l	98
7) Trichlorofluoromethane	3.500	101	51282	16.916	ug/l	94
8) Diethyl Ether	3.959	74	20300	19.976	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	29036	18.070	ug/l	97
10) Methyl Iodide	4.583	142	35180	17.214	ug/l	96
11) Tert butyl alcohol	5.518	59	33239	117.329	ug/l	99
12) 1,1-Dichloroethene	4.347	96	26707	17.599	ug/l	87
13) Acrolein	4.177	56	41753	149.374	ug/l	96
14) Allyl chloride	5.018	41	46739	17.285	ug/l	96
15) Acrylonitrile	5.718	53	83484	108.360	ug/l	98
16) Acetone	4.424	43	87030	102.619	ug/l	97
17) Carbon Disulfide	4.712	76	66307	15.620	ug/l	100
18) Methyl Acetate	5.030	43	43024	23.359	ug/l	97
19) Methyl tert-butyl Ether	5.800	73	106415	19.378	ug/l	100
20) Methylene Chloride	5.271	84	33439	19.268	ug/l	92
21) trans-1,2-Dichloroethene	5.789	96	28069	17.259	ug/l	90
22) Diisopropyl ether	6.671	45	112603	20.229	ug/l	98
23) Vinyl Acetate	6.600	43	418625	102.697	ug/l	98
24) 1,1-Dichloroethane	6.571	63	60721	18.935	ug/l	97
25) 2-Butanone	7.488	43	117621	105.520	ug/l	95
26) 2,2-Dichloropropane	7.494	77	54741	18.535	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	36076	18.686	ug/l	96
28) Bromochloromethane	7.812	49	30793	22.801	ug/l	95
29) Tetrahydrofuran	7.835	42	74115	112.449	ug/l	97
30) Chloroform	7.965	83	63649	18.695	ug/l	98
31) Cyclohexane	8.259	56	52049	17.023	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	57595	18.398	ug/l	95
36) 1,1-Dichloropropene	8.377	75	41604	17.829	ug/l	99
37) Ethyl Acetate	7.559	43	48271	22.789	ug/l	95
38) Carbon Tetrachloride	8.365	117	48746	18.413	ug/l	96
39) Methylcyclohexane	9.600	83	44723	16.838	ug/l	98
40) Benzene	8.606	78	133205	18.965	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	27495	21.947	ug/l	96
42) 1,2-Dichloroethane	8.671	62	51834	19.750	ug/l	99
43) Isopropyl Acetate	8.688	43	94239	24.552	ug/l	97
44) Trichloroethene	9.353	130	30734	18.896	ug/l	99
45) 1,2-Dichloropropane	9.618	63	34096	20.085	ug/l	95
46) Dibromomethane	9.706	93	24167	20.325	ug/l	99
47) Bromodichloromethane	9.888	83	52660	20.464	ug/l	99
48) Methyl methacrylate	9.677	41	37760	20.735	ug/l	99
49) 1,4-Dioxane	9.694	88	13432	448.364	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	241130	115.405	ug/l	98
52) Toluene	10.629	92	83662	19.474	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	50797	19.475	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	55027	20.084	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	32647	20.355	ug/l	97
56) Ethyl methacrylate	10.871	69	53385	21.634	ug/l	98
57) 1,3-Dichloropropane	11.165	76	57893	21.002	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	112699	126.750	ug/l	97
59) 2-Hexanone	11.194	43	176559	114.234	ug/l	98
60) Dibromochloromethane	11.359	129	37136	20.689	ug/l	97
61) 1,2-Dibromoethane	11.471	107	32589	20.374	ug/l	96
64) Tetrachloroethene	11.100	164	25612	17.821	ug/l	99
65) Chlorobenzene	11.888	112	88340	18.392	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	32717	19.648	ug/l	99
67) Ethyl Benzene	11.965	91	157100	18.412	ug/l	96
68) m/p-Xylenes	12.070	106	114104	36.020	ug/l	97
69) o-Xylene	12.400	106	57074	18.611	ug/l	99
70) Styrene	12.412	104	96883	19.250	ug/l	99
71) Bromoform	12.576	173	24265	21.625	ug/l #	100
73) Isopropylbenzene	12.694	105	146833	18.666	ug/l	100
74) N-amyl acetate	12.494	43	70034	20.867	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	47292	20.462	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	41143m	20.054	ug/l	
77) Bromobenzene	12.976	156	34433	18.185	ug/l	97
78) n-propylbenzene	13.035	91	173703	18.979	ug/l	98
79) 2-Chlorotoluene	13.123	91	111258	19.061	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	123926	18.686	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	15652m	19.981	ug/l	
82) 4-Chlorotoluene	13.217	91	111182	18.981	ug/l	99
83) tert-Butylbenzene	13.435	119	106876	18.420	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	123797	18.583	ug/l	99
85) sec-Butylbenzene	13.617	105	148294	19.271	ug/l	98
86) p-Isopropyltoluene	13.729	119	122354	18.968	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	63896	17.881	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	65378	18.068	ug/l	99
89) n-Butylbenzene	14.053	91	104309	18.010	ug/l	99
90) Hexachloroethane	14.329	117	23537	18.152	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	64102	18.587	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10049	21.811	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	30790	16.637	ug/l	99
94) Hexachlorobutadiene	15.500	225	14561	18.527	ug/l	97
95) Naphthalene	15.641	128	101246	17.982	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	31037	17.548	ug/l	99

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

