

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102124\
 Data File : VN084433.D
 Acq On : 21 Oct 2024 13:48
 Operator : JC\MD
 Sample : VN1021WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS01

Quant Time: Oct 22 01:32:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/22/2024
 Supervised By : Mahesh Dadoda 10/22/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	189913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	322919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	284161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	138325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	142332	50.547	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.100%			
35) Dibromofluoromethane	8.165	113	115508	54.258	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.520%			
50) Toluene-d8	10.565	98	422532	53.947	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.900%			
62) 4-Bromofluorobenzene	12.847	95	149865	52.521	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	36261	16.142	ug/l	95
3) Chloromethane	2.359	50	41235	16.076	ug/l	96
4) Vinyl Chloride	2.512	62	41507	16.706	ug/l	100
5) Bromomethane	2.953	94	26963	16.453	ug/l	98
6) Chloroethane	3.124	64	26726	15.020	ug/l	99
7) Trichlorofluoromethane	3.500	101	70146	18.131	ug/l	98
8) Diethyl Ether	3.965	74	24127	16.814	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.377	101	40161	18.116	ug/l	98
10) Methyl Iodide	4.589	142	48908	17.131	ug/l	96
11) Tert butyl alcohol	5.518	59	36415	78.429	ug/l #	94
12) 1,1-Dichloroethene	4.342	96	37659	17.612	ug/l	97
13) Acrolein	4.183	56	26602	49.907	ug/l	98
14) Allyl chloride	5.024	41	58352	15.713	ug/l	98
15) Acrylonitrile	5.718	53	109279	93.202	ug/l	99
16) Acetone	4.430	43	105837	87.496	ug/l	96
17) Carbon Disulfide	4.712	76	96169	14.205	ug/l	100
18) Methyl Acetate	5.030	43	59251	22.474	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	130984	18.149	ug/l	98
20) Methylene Chloride	5.271	84	45743	18.603	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	38888	17.359	ug/l	95
22) Diisopropyl ether	6.671	45	141732	18.451	ug/l	98
23) Vinyl Acetate	6.600	43	468614	82.252	ug/l	98
24) 1,1-Dichloroethane	6.571	63	82481	19.201	ug/l	97
25) 2-Butanone	7.483	43	146074	88.663	ug/l	98
26) 2,2-Dichloropropane	7.488	77	71005	18.333	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	49184	18.169	ug/l	98
28) Bromochloromethane	7.812	49	37550	19.592	ug/l	97
29) Tetrahydrofuran	7.841	42	90421	88.935	ug/l	98
30) Chloroform	7.971	83	84755	18.995	ug/l	100
31) Cyclohexane	8.259	56	66762	16.007	ug/l #	97
32) 1,1,1-Trichloroethane	8.171	97	74940	18.700	ug/l	97
36) 1,1-Dichloropropene	8.371	75	56161	18.162	ug/l	97
37) Ethyl Acetate	7.559	43	57455	18.111	ug/l	99
38) Carbon Tetrachloride	8.365	117	64152	18.912	ug/l	94
39) Methylcyclohexane	9.600	83	55643	16.168	ug/l	96
40) Benzene	8.606	78	183073	19.002	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	7.777	41	29860	17.338	ug/l	93
42) 1,2-Dichloroethane	8.671	62	61753	18.907	ug/l	99
43) Isopropyl Acetate	8.688	43	94050	15.136	ug/l	98
44) Trichloroethene	9.347	130	43127	19.166	ug/l	98
45) 1,2-Dichloropropane	9.624	63	44771	19.644	ug/l	98
46) Dibromomethane	9.706	93	31378	20.401	ug/l	96
47) Bromodichloromethane	9.888	83	66599	19.490	ug/l	96
48) Methyl methacrylate	9.682	41	43352	17.526	ug/l	98
49) 1,4-Dioxane	9.694	88	16997	373.245	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	292338	96.801	ug/l	100
52) Toluene	10.629	92	114864	19.551	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	64356	18.476	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	70777	18.891	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	43053	20.441	ug/l	97
56) Ethyl methacrylate	10.871	69	65255	18.829	ug/l	96
57) 1,3-Dichloropropane	11.165	76	74113	19.693	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	139755	86.930	ug/l	98
59) 2-Hexanone	11.194	43	216944	96.112	ug/l	99
60) Dibromochloromethane	11.359	129	50030	20.104	ug/l	99
61) 1,2-Dibromoethane	11.465	107	41569	18.994	ug/l	98
64) Tetrachloroethene	11.100	164	37454	18.924	ug/l	95
65) Chlorobenzene	11.888	112	121076	19.217	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	43109	19.865	ug/l	99
67) Ethyl Benzene	11.965	91	205793	18.470	ug/l	100
68) m/p-Xylenes	12.070	106	158675	38.498	ug/l	100
69) o-Xylene	12.400	106	78180	20.049	ug/l	96
70) Styrene	12.412	104	129069	19.541	ug/l	99
71) Bromoform	12.576	173	31202	19.529	ug/l #	95
73) Isopropylbenzene	12.694	105	191996	18.189	ug/l	98
74) N-amyl acetate	12.494	43	79653	16.664	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	61726	19.448	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	58038m	20.552	ug/l	
77) Bromobenzene	12.982	156	48284	18.964	ug/l	95
78) n-propylbenzene	13.035	91	231176	18.903	ug/l	99
79) 2-Chlorotoluene	13.123	91	145730	18.674	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	168330	19.550	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	19953	16.940	ug/l	98
82) 4-Chlorotoluene	13.217	91	149766	19.064	ug/l	100
83) tert-Butylbenzene	13.435	119	141261	18.459	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	169548	19.547	ug/l	99
85) sec-Butylbenzene	13.617	105	195385	19.133	ug/l	99
86) p-Isopropyltoluene	13.729	119	161505	19.125	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	88692	18.569	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	90608	18.784	ug/l	99
89) n-Butylbenzene	14.053	91	132089	17.250	ug/l	99
90) Hexachloroethane	14.329	117	31571	18.419	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	85799	18.319	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11177	17.065	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	40526	17.567	ug/l	100
94) Hexachlorobutadiene	15.500	225	19271	16.751	ug/l	98
95) Naphthalene	15.641	128	119595	15.638	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	39826	17.247	ug/l	98

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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

