

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110824\
 Data File : VN084741.D
 Acq On : 08 Nov 2024 11:43
 Operator : JC\MD
 Sample : VN1108WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1108WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/11/2024
 Supervised By :Mahesh Dadoda 11/11/2024

Quant Time: Nov 08 22:28:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	163813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	277196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	246235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120765	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112888	47.712	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.420%
35) Dibromofluoromethane	8.159	113	88421	47.126	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.260%
50) Toluene-d8	10.565	98	326909	47.298	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.600%
62) 4-Bromofluorobenzene	12.847	95	120820	46.773	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.540%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	32436	17.224	ug/l	94
3) Chloromethane	2.359	50	36853	14.909	ug/l	92
4) Vinyl Chloride	2.512	62	35685	17.618	ug/l	98
5) Bromomethane	2.901	94	19303	17.987	ug/l	98
6) Chloroethane	3.059	64	26858m	20.602	ug/l	
7) Trichlorofluoromethane	3.465	101	60306	18.075	ug/l	97
8) Diethyl Ether	3.953	74	21967	18.664	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.353	101	36137	19.168	ug/l	96
10) Methyl Iodide	4.577	142	48044	19.067	ug/l	99
11) Tert butyl alcohol	5.542	59	36824	117.910	ug/l	100
12) 1,1-Dichloroethene	4.324	96	33346	17.875	ug/l	97
13) Acrolein	4.183	56	26382	84.714	ug/l	100
14) Allyl chloride	5.012	41	54464	18.003	ug/l	92
15) Acrylonitrile	5.718	53	94426	104.440	ug/l	100
16) Acetone	4.430	43	79288	114.465	ug/l	92
17) Carbon Disulfide	4.695	76	90004	15.667	ug/l	98
18) Methyl Acetate	5.018	43	50279	17.548	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	115179	20.144	ug/l	96
20) Methylene Chloride	5.265	84	39358	18.914	ug/l	85
21) trans-1,2-Dichloroethene	5.777	96	34301	17.907	ug/l	96
22) Diisopropyl ether	6.671	45	117287	19.511	ug/l	97
23) Vinyl Acetate	6.600	43	404463	97.566	ug/l	98
24) 1,1-Dichloroethane	6.559	63	68723	19.042	ug/l	99
25) 2-Butanone	7.483	43	124574	112.857	ug/l	98
26) 2,2-Dichloropropane	7.483	77	60114	19.137	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	41518	18.562	ug/l	99
28) Bromochloromethane	7.812	49	30106	20.937	ug/l	90
29) Tetrahydrofuran	7.841	42	79515	108.584	ug/l	94
30) Chloroform	7.965	83	70586	19.215	ug/l	100
31) Cyclohexane	8.253	56	56613	17.331	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	65446	19.574	ug/l	99
36) 1,1-Dichloropropene	8.371	75	46594	17.906	ug/l	98
37) Ethyl Acetate	7.553	43	49828	21.105	ug/l	97
38) Carbon Tetrachloride	8.353	117	55495	19.080	ug/l	97
39) Methylcyclohexane	9.594	83	48395	18.281	ug/l	97
40) Benzene	8.600	78	155569	18.616	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	26658	20.997	ug/l	95
42) 1,2-Dichloroethane	8.665	62	52550	19.417	ug/l	100
43) Isopropyl Acetate	8.682	43	84614	18.797	ug/l	98
44) Trichloroethene	9.353	130	35954	18.655	ug/l	94
45) 1,2-Dichloropropane	9.618	63	36767	18.755	ug/l	97
46) Dibromomethane	9.706	93	27266	19.711	ug/l	98
47) Bromodichloromethane	9.888	83	56233	19.285	ug/l #	98
48) Methyl methacrylate	9.677	41	37901	20.627	ug/l	97
49) 1,4-Dioxane	9.694	88	15636	480.210	ug/l #	80
51) 4-Methyl-2-Pentanone	10.441	43	250598	111.343	ug/l	98
52) Toluene	10.629	92	95723	19.585	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	57070	18.908	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	60551	18.955	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	37192	20.202	ug/l	95
56) Ethyl methacrylate	10.871	69	57790	21.701	ug/l	96
57) 1,3-Dichloropropane	11.159	76	63144	19.984	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	139887	112.259	ug/l	96
59) 2-Hexanone	11.194	43	184568	112.663	ug/l	98
60) Dibromochloromethane	11.359	129	43079	20.531	ug/l	98
61) 1,2-Dibromoethane	11.471	107	37618	19.953	ug/l	97
64) Tetrachloroethene	11.100	164	31525	19.248	ug/l	98
65) Chlorobenzene	11.888	112	100856	18.308	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	38908	20.306	ug/l	95
67) Ethyl Benzene	11.959	91	173400	18.858	ug/l	96
68) m/p-Xylenes	12.071	106	134607	38.667	ug/l	98
69) o-Xylene	12.394	106	64664	19.856	ug/l	99
70) Styrene	12.412	104	110872	19.517	ug/l	99
71) Bromoform	12.576	173	29882	20.725	ug/l #	96
73) Isopropylbenzene	12.694	105	162742	19.230	ug/l	100
74) N-amyl acetate	12.494	43	71201	19.767	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	55464	19.635	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	52127m	21.593	ug/l	
77) Bromobenzene	12.976	156	41887	18.411	ug/l	93
78) n-propylbenzene	13.035	91	185049	18.660	ug/l	97
79) 2-Chlorotoluene	13.123	91	121386	18.733	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	137545	19.609	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	18734	18.411	ug/l	97
82) 4-Chlorotoluene	13.217	91	123905	18.169	ug/l	100
83) tert-Butylbenzene	13.435	119	112585	19.394	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	142262	19.651	ug/l	100
85) sec-Butylbenzene	13.612	105	153424	18.710	ug/l	100
86) p-Isopropyltoluene	13.729	119	128285	19.076	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	76875	17.314	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	76001	17.947	ug/l	98
89) n-Butylbenzene	14.053	91	103692	16.483	ug/l	98
90) Hexachloroethane	14.329	117	26245	17.500	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	77341	18.127	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11666	20.386	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	39374	16.860	ug/l	97
94) Hexachlorobutadiene	15.494	225	17928	17.482	ug/l	96
95) Naphthalene	15.641	128	128477	18.380	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	39322	17.346	ug/l	100

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

