

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120524\
 Data File : VN085114.D
 Acq On : 05 Dec 2024 14:23
 Operator : JC\MD
 Sample : VN1205WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/06/2024
 Supervised By : Mahesh Dadoda 12/06/2024

Quant Time: Dec 06 00:48:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	156906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	256910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	226912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	109142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112224	50.212	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.420%			
35) Dibromofluoromethane	8.165	113	90668	52.333	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.660%			
50) Toluene-d8	10.565	98	318166	51.243	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.480%			
62) 4-Bromofluorobenzene	12.847	95	117758	50.715	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	27987	15.774	ug/l	97
3) Chloromethane	2.359	50	29810	14.486	ug/l	96
4) Vinyl Chloride	2.512	62	32358	17.498	ug/l	98
5) Bromomethane	2.959	94	21605	20.844	ug/l	96
6) Chloroethane	3.124	64	20749	16.646	ug/l	96
7) Trichlorofluoromethane	3.501	101	58467	18.586	ug/l	99
8) Diethyl Ether	3.959	74	20610	19.249	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	34042	19.080	ug/l	99
10) Methyl Iodide	4.589	142	41126	17.414	ug/l	96
11) Tert butyl alcohol	5.518	59	33845	113.320	ug/l	98
12) 1,1-Dichloroethene	4.342	96	29964	17.992	ug/l	94
13) Acrolein	4.183	56	19752	99.111	ug/l	98
14) Allyl chloride	5.024	41	47708	16.993	ug/l	98
15) Acrylonitrile	5.712	53	91983	108.781	ug/l	97
16) Acetone	4.424	43	83152	127.745	ug/l	100
17) Carbon Disulfide	4.712	76	84889	17.269	ug/l	97
18) Methyl Acetate	5.018	43	44650	20.791	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	104153	19.141	ug/l	99
20) Methylene Chloride	5.271	84	36265	18.258	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	33014	18.838	ug/l	91
22) Diisopropyl ether	6.671	45	110241	19.510	ug/l	97
23) Vinyl Acetate	6.606	43	389714	99.973	ug/l	99
24) 1,1-Dichloroethane	6.571	63	64982	19.217	ug/l	97
25) 2-Butanone	7.483	43	122457	115.069	ug/l	99
26) 2,2-Dichloropropane	7.489	77	57916	18.342	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	40945	19.380	ug/l	97
28) Bromochloromethane	7.812	49	22039	17.266	ug/l	96
29) Tetrahydrofuran	7.841	42	76227	115.182	ug/l	99
30) Chloroform	7.965	83	68643	19.084	ug/l	100
31) Cyclohexane	8.259	56	54451	18.289	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	63551	19.552	ug/l	97
36) 1,1-Dichloropropene	8.371	75	44853	19.113	ug/l	97
37) Ethyl Acetate	7.559	43	49806	23.346	ug/l	97
38) Carbon Tetrachloride	8.359	117	56502	20.859	ug/l	92
39) Methylcyclohexane	9.600	83	47735	19.575	ug/l	96
40) Benzene	8.600	78	147569	19.882	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	23858	20.198	ug/l	92
42) 1,2-Dichloroethane	8.671	62	51052	20.106	ug/l	99
43) Isopropyl Acetate	8.688	43	84642	19.101	ug/l	99
44) Trichloroethene	9.347	130	34347	19.913	ug/l	89
45) 1,2-Dichloropropane	9.618	63	35440	19.387	ug/l	97
46) Dibromomethane	9.706	93	26381	20.768	ug/l	98
47) Bromodichloromethane	9.888	83	56156	20.859	ug/l	98
48) Methyl methacrylate	9.683	41	35804	21.712	ug/l	99
49) 1,4-Dioxane	9.694	88	15294	534.810	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	248755	122.899	ug/l	99
52) Toluene	10.630	92	90302	20.552	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	53353	19.767	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	57201	19.976	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	36477	22.288	ug/l	97
56) Ethyl methacrylate	10.871	69	54600	22.831	ug/l	98
57) 1,3-Dichloropropane	11.165	76	60370	20.959	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	111886	95.376	ug/l	100
59) 2-Hexanone	11.194	43	186195	122.998	ug/l	100
60) Dibromochloromethane	11.359	129	42763	21.380	ug/l	99
61) 1,2-Dibromoethane	11.471	107	36315	21.440	ug/l	95
64) Tetrachloroethene	11.100	164	32671	21.368	ug/l	99
65) Chlorobenzene	11.888	112	98982	19.234	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	36792	20.306	ug/l	98
67) Ethyl Benzene	11.965	91	164683	19.725	ug/l	99
68) m/p-Xylenes	12.071	106	129040	40.597	ug/l	99
69) o-Xylene	12.400	106	60775	20.100	ug/l	99
70) Styrene	12.412	104	103485	20.581	ug/l	99
71) Bromoform	12.576	173	28670	21.317	ug/l #	96
73) Isopropylbenzene	12.694	105	156462	20.321	ug/l	100
74) N-amyl acetate	12.494	43	66903	21.086	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	52254	19.874	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	48013m	24.185	ug/l	
77) Bromobenzene	12.976	156	38885	18.767	ug/l	95
78) n-propylbenzene	13.035	91	184016	20.721	ug/l	98
79) 2-Chlorotoluene	13.123	91	117736	19.860	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	133268	20.627	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	17496	19.456	ug/l	95
82) 4-Chlorotoluene	13.218	91	116087	18.810	ug/l	99
83) tert-Butylbenzene	13.435	119	113281	20.378	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	132704	19.954	ug/l	100
85) sec-Butylbenzene	13.618	105	151177	20.131	ug/l	99
86) p-Isopropyltoluene	13.729	119	123623	19.942	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	70385	17.222	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	70118	16.812	ug/l	96
89) n-Butylbenzene	14.059	91	100674	17.463	ug/l	96
90) Hexachloroethane	14.329	117	24891	18.421	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	70278	17.945	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10617	20.882	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	33152	15.582	ug/l	99
94) Hexachlorobutadiene	15.500	225	15148	15.427	ug/l	95
95) Naphthalene	15.641	128	98261	16.216	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	32596	16.057	ug/l	98

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

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