

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120324\
 Data File : VN085075.D
 Acq On : 03 Dec 2024 13:41
 Operator : JC\MD
 Sample : VN1203WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

Quant Time: Dec 03 23:48:35 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

Manual Integrations APPROVED

Reviewed By : John Carlone 12/04/2024
 Supervised By : Mahesh Dadoda 12/04/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	164121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	269534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	229083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	118872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113339	48.481	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.960%		
35) Dibromofluoromethane	8.159	113	93392	51.381	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.760%		
50) Toluene-d8	10.559	98	326773	50.165	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.320%		
62) 4-Bromofluorobenzene	12.847	95	125096	51.352	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.700%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.118	85	32347	17.430	ug/l	99
3) Chloromethane	2.359	50	37275	17.318	ug/l	92
4) Vinyl Chloride	2.518	62	37591	19.434	ug/l	100
5) Bromomethane	2.906	94	21344	19.687	ug/l	91
6) Chloroethane	3.083	64	24665	18.918	ug/l	100
7) Trichlorofluoromethane	3.483	101	64164	19.500	ug/l	94
8) Diethyl Ether	3.953	74	23256	20.765	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	38325	20.536	ug/l	99
10) Methyl Iodide	4.583	142	50248	20.341	ug/l	94
11) Tert butyl alcohol	5.530	59	25562	81.824	ug/l #	92
12) 1,1-Dichloroethene	4.330	96	35452	20.352	ug/l	95
13) Acrolein	4.171	56	23346	111.995	ug/l	94
14) Allyl chloride	5.012	41	55362	18.852	ug/l	99
15) Acrylonitrile	5.712	53	79378	89.748	ug/l	99
16) Acetone	4.424	43	72050	105.823	ug/l	100
17) Carbon Disulfide	4.700	76	97618	18.986	ug/l	96
18) Methyl Acetate	5.012	43	41114	18.162	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	109727	19.279	ug/l	97
20) Methylene Chloride	5.259	84	39569	19.045	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	35775	19.516	ug/l #	86
22) Diisopropyl ether	6.665	45	118807	20.101	ug/l	97
23) Vinyl Acetate	6.594	43	410244	100.613	ug/l	99
24) 1,1-Dichloroethane	6.559	63	71789	20.297	ug/l	99
25) 2-Butanone	7.477	43	103522	93.000	ug/l	92
26) 2,2-Dichloropropane	7.482	77	67415	20.412	ug/l	100
27) cis-1,2-Dichloroethene	7.477	96	43859	19.846	ug/l	98
28) Bromochloromethane	7.812	49	27851	20.860	ug/l	94
29) Tetrahydrofuran	7.835	42	65512	94.640	ug/l	97
30) Chloroform	7.959	83	75215	19.991	ug/l	94
31) Cyclohexane	8.253	56	60614	19.464	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	67676	19.906	ug/l	99
36) 1,1-Dichloropropene	8.371	75	49559	20.130	ug/l	98
37) Ethyl Acetate	7.553	43	41139	18.380	ug/l	98
38) Carbon Tetrachloride	8.353	117	60601	21.324	ug/l	98
39) Methylcyclohexane	9.600	83	56135	21.942	ug/l	95
40) Benzene	8.600	78	159355	20.465	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	23703	19.127	ug/l	98
42) 1,2-Dichloroethane	8.665	62	54828	20.582	ug/l	99
43) Isopropyl Acetate	8.682	43	79756	17.155	ug/l	98
44) Trichloroethene	9.347	130	37227	20.572	ug/l	100
45) 1,2-Dichloropropane	9.618	63	37237	19.415	ug/l	91
46) Dibromomethane	9.706	93	26830	20.132	ug/l	99
47) Bromodichloromethane	9.882	83	57839	20.477	ug/l	96
48) Methyl methacrylate	9.676	41	33759	19.513	ug/l	98
49) 1,4-Dioxane	9.700	88	11709	390.271	ug/l #	89
51) 4-Methyl-2-Pentanone	10.441	43	206909	97.437	ug/l	100
52) Toluene	10.629	92	98111	21.283	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	55892	19.738	ug/l	95
54) cis-1,3-Dichloropropene	10.306	75	62914	20.942	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	36306	21.145	ug/l	97
56) Ethyl methacrylate	10.871	69	51236	20.421	ug/l	99
57) 1,3-Dichloropropane	11.159	76	63172	20.904	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	108136	87.862	ug/l	99
59) 2-Hexanone	11.194	43	156625	98.619	ug/l	97
60) Dibromochloromethane	11.353	129	42649	20.324	ug/l	98
61) 1,2-Dibromoethane	11.470	107	35655	20.065	ug/l	99
64) Tetrachloroethene	11.100	164	34100	22.091	ug/l	96
65) Chlorobenzene	11.888	112	105172	20.244	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	37611	20.561	ug/l	99
67) Ethyl Benzene	11.959	91	176283	20.914	ug/l	100
68) m/p-Xylenes	12.065	106	136317	42.480	ug/l	99
69) o-Xylene	12.394	106	65126	21.335	ug/l	99
70) Styrene	12.406	104	110976	21.862	ug/l	98
71) Bromoform	12.576	173	28200	20.769	ug/l #	99
73) Isopropylbenzene	12.694	105	165606	19.748	ug/l	100
74) N-amyl acetate	12.494	43	62781	18.168	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	50257	17.550	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	40459m	18.712	ug/l	
77) Bromobenzene	12.976	156	42095	18.653	ug/l	99
78) n-propylbenzene	13.035	91	195273	20.188	ug/l	99
79) 2-Chlorotoluene	13.123	91	125054	19.368	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	144748	20.570	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	16961	17.317	ug/l	96
82) 4-Chlorotoluene	13.217	91	127458	18.962	ug/l	100
83) tert-Butylbenzene	13.435	119	119120	19.674	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	147169	20.317	ug/l	99
85) sec-Butylbenzene	13.611	105	168453	20.596	ug/l	100
86) p-Isopropyltoluene	13.723	119	139823	20.709	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	80208	18.019	ug/l	97
88) 1,4-Dichlorobenzene	13.811	146	79561	17.515	ug/l	98
89) n-Butylbenzene	14.053	91	118223	18.829	ug/l	99
90) Hexachloroethane	14.329	117	26869	18.257	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	76728	17.989	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9534	17.217	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	39107	16.876	ug/l	100
94) Hexachlorobutadiene	15.494	225	19613	18.339	ug/l	98
95) Naphthalene	15.635	128	105627	16.004	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	37391	16.911	ug/l	96

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

