

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
 Data File : VN083720.D
 Acq On : 09 Sep 2024 16:26
 Operator : JC\MD
 Sample : VN0909WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBS02

Quant Time: Sep 10 02:11:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 09/10/2024
 Supervised By :Mahesh Dadoda 09/10/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	146202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	253561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	226096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	109195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122971	60.182	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.360%			
35) Dibromofluoromethane	8.165	113	90151	59.072	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 118.140%			
50) Toluene-d8	10.565	98	321512	53.946	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.900%			
62) 4-Bromofluorobenzene	12.847	95	127060	57.714	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 115.420%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	37350	24.138	ug/l	99
3) Chloromethane	2.359	50	37653	20.890	ug/l	94
4) Vinyl Chloride	2.512	62	38351	21.260	ug/l	97
5) Bromomethane	2.900	94	21592	22.769	ug/l	97
6) Chloroethane	3.071	64	25696	21.799	ug/l	98
7) Trichlorofluoromethane	3.471	101	65357	22.001	ug/l	99
8) Diethyl Ether	3.953	74	22011	20.726	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.353	101	35319	21.923	ug/l	98
10) Methyl Iodide	4.577	142	45326	20.799	ug/l	95
11) Tert butyl alcohol	5.530	59	32461	101.890	ug/l	98
12) 1,1-Dichloroethene	4.324	96	32143	20.069	ug/l	94
13) Acrolein	4.177	56	25012	82.983	ug/l	99
14) Allyl chloride	5.012	41	57282	20.059	ug/l	97
15) Acrylonitrile	5.718	53	85860	109.280	ug/l	99
16) Acetone	4.430	43	90468	111.026	ug/l	93
17) Carbon Disulfide	4.694	76	87222	18.687	ug/l	96
18) Methyl Acetate	5.024	43	42584	19.651	ug/l	98
19) Methyl tert-butyl Ether	5.800	73	117673	20.712	ug/l	93
20) Methylene Chloride	5.271	84	36804	20.454	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	33384	20.010	ug/l	88
22) Diisopropyl ether	6.671	45	118706	21.081	ug/l	96
23) Vinyl Acetate	6.600	43	442873	106.130	ug/l	97
24) 1,1-Dichloroethane	6.565	63	68663	21.383	ug/l	97
25) 2-Butanone	7.483	43	117506	105.916	ug/l	98
26) 2,2-Dichloropropane	7.488	77	63817	21.346	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	41214	20.702	ug/l	99
28) Bromochloromethane	7.812	49	32076	21.391	ug/l	95
29) Tetrahydrofuran	7.841	42	73704	107.105	ug/l	99
30) Chloroform	7.965	83	70576	20.861	ug/l	99
31) Cyclohexane	8.253	56	63646	20.136	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	65231	21.323	ug/l	99
36) 1,1-Dichloropropene	8.365	75	47737	20.507	ug/l	99
37) Ethyl Acetate	7.559	43	50120	21.634	ug/l	97
38) Carbon Tetrachloride	8.359	117	57646	21.705	ug/l	99
39) Methylcyclohexane	9.600	83	57820	20.699	ug/l	93
40) Benzene	8.606	78	148821	20.783	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	27731	20.976	ug/l	96
42) 1,2-Dichloroethane	8.671	62	57631	21.711	ug/l	99
43) Isopropyl Acetate	8.688	43	84252	17.352	ug/l	98
44) Trichloroethene	9.353	130	33339	19.354	ug/l	100
45) 1,2-Dichloropropane	9.618	63	36387	21.813	ug/l	98
46) Dibromomethane	9.706	93	26676	21.676	ug/l	95
47) Bromodichloromethane	9.888	83	56018	21.383	ug/l	94
48) Methyl methacrylate	9.682	41	39481	20.778	ug/l	98
49) 1,4-Dioxane	9.694	88	13891	446.140	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	237448	110.245	ug/l	97
52) Toluene	10.629	92	93800	20.944	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	54454	20.079	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	58858	20.677	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	33906	21.211	ug/l	96
56) Ethyl methacrylate	10.876	69	56032	21.189	ug/l	97
57) 1,3-Dichloropropane	11.159	76	58726	20.751	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	91845	79.932	ug/l	100
59) 2-Hexanone	11.194	43	176781	109.368	ug/l	99
60) Dibromochloromethane	11.359	129	38419	20.742	ug/l	98
61) 1,2-Dibromoethane	11.471	107	34626	21.202	ug/l	98
64) Tetrachloroethene	11.100	164	29632	19.939	ug/l	98
65) Chlorobenzene	11.888	112	96380	19.008	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	35315	20.629	ug/l	99
67) Ethyl Benzene	11.965	91	175593	19.400	ug/l	98
68) m/p-Xylenes	12.070	106	130360	38.232	ug/l	98
69) o-Xylene	12.400	106	63790	19.357	ug/l	99
70) Styrene	12.412	104	105331	19.009	ug/l	100
71) Bromoform	12.582	173	24761	20.306	ug/l #	100
73) Isopropylbenzene	12.694	105	170060	19.242	ug/l	100
74) N-amyl acetate	12.494	43	73545	19.172	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	48814	19.455	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	41427m	18.791	ug/l	
77) Bromobenzene	12.976	156	37249	17.964	ug/l	100
78) n-propylbenzene	13.035	91	189450	18.540	ug/l	100
79) 2-Chlorotoluene	13.123	91	120929	18.263	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	138993	18.669	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	17289	18.496	ug/l	96
82) 4-Chlorotoluene	13.223	91	118916	17.678	ug/l	99
83) tert-Butylbenzene	13.435	119	122562	18.516	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	141977	18.945	ug/l	100
85) sec-Butylbenzene	13.617	105	164980	18.752	ug/l	99
86) p-Isopropyltoluene	13.729	119	134418	18.292	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	70896	17.614	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	70224	16.979	ug/l	98
89) n-Butylbenzene	14.053	91	114079	17.649	ug/l	99
90) Hexachloroethane	14.335	117	26665	18.642	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	70540	18.198	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10441	19.188	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	34684	15.779	ug/l	99
94) Hexachlorobutadiene	15.500	225	16793	19.078	ug/l	91
95) Naphthalene	15.641	128	114157	16.165	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	33777	15.383	ug/l	99

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

