

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083768.D
 Acq On : 11 Sep 2024 03:39
 Operator : JC\MD
 Sample : VN0910WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910WBS02

Quant Time: Sep 11 05:17:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 03:05:46 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/11/2024
 Supervised By : Semsettin Yesilyurt 09/11/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	143387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	257368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	227885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112878	52.208	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.420%			
35) Dibromofluoromethane	8.165	113	82589	50.126	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.260%			
50) Toluene-d8	10.565	98	289156	50.765	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.520%			
62) 4-Bromofluorobenzene	12.847	95	111431	47.417	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.118	85	31867	19.137	ug/l	100
3) Chloromethane	2.360	50	34655	19.244	ug/l	94
4) Vinyl Chloride	2.512	62	34675	18.998	ug/l	91
5) Bromomethane	2.901	94	20152	19.230	ug/l	93
6) Chloroethane	3.071	64	23261	18.370	ug/l	96
7) Trichlorofluoromethane	3.471	101	58582	18.908	ug/l	95
8) Diethyl Ether	3.959	74	19933	19.193	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.354	101	30512	18.580	ug/l	96
10) Methyl Iodide	4.571	142	39121	18.731	ug/l	96
11) Tert butyl alcohol	5.530	59	27662	95.544	ug/l	99
12) 1,1-Dichloroethene	4.318	96	28891	18.629	ug/l #	83
13) Acrolein	4.177	56	26041	91.160	ug/l	99
14) Allyl chloride	5.012	41	52108	18.856	ug/l	98
15) Acrylonitrile	5.712	53	77308	98.187	ug/l	99
16) Acetone	4.424	43	68043	78.506	ug/l	98
17) Carbon Disulfide	4.701	76	76667	17.672	ug/l	99
18) Methyl Acetate	5.024	43	38960	20.479	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	107388	19.135	ug/l	99
20) Methylene Chloride	5.271	84	34011	19.176	ug/l	94
21) trans-1,2-Dichloroethene	5.777	96	30294	18.227	ug/l	95
22) Diisopropyl ether	6.671	45	112691	19.810	ug/l	96
23) Vinyl Acetate	6.600	43	397068	95.314	ug/l	98
24) 1,1-Dichloroethane	6.559	63	62720	19.137	ug/l	98
25) 2-Butanone	7.483	43	105108	92.267	ug/l	98
26) 2,2-Dichloropropane	7.483	77	42783	14.175	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	37380	18.946	ug/l	99
28) Bromochloromethane	7.812	49	28180	20.418	ug/l	94
29) Tetrahydrofuran	7.842	42	66007	97.994	ug/l	99
30) Chloroform	7.965	83	66187	19.023	ug/l	90
31) Cyclohexane	8.247	56	57697	18.464	ug/l	97
32) 1,1,1-Trichloroethane	8.159	97	62627	19.575	ug/l	98
36) 1,1-Dichloropropene	8.371	75	44245	17.841	ug/l	98
37) Ethyl Acetate	7.559	43	43951	19.525	ug/l	99
38) Carbon Tetrachloride	8.359	117	51584	18.335	ug/l	98
39) Methylcyclohexane	9.600	83	49877	17.670	ug/l	98
40) Benzene	8.600	78	141057	18.898	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	26053	19.568	ug/l	97
42) 1,2-Dichloroethane	8.671	62	53060	19.024	ug/l	100
43) Isopropyl Acetate	8.689	43	80290	19.683	ug/l	99
44) Trichloroethene	9.353	130	31364	18.145	ug/l	97
45) 1,2-Dichloropropane	9.618	63	34140	18.924	ug/l	95
46) Dibromomethane	9.706	93	24478	19.371	ug/l	98
47) Bromodichloromethane	9.888	83	51921	18.986	ug/l	100
48) Methyl methacrylate	9.683	41	35820	18.508	ug/l	96
49) 1,4-Dioxane	9.694	88	11512	361.588	ug/l #	98
51) 4-Methyl-2-Pentanone	10.447	43	213921	96.339	ug/l	98
52) Toluene	10.630	92	84819	18.577	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	47380	17.092	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	52323	17.969	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	32129	18.849	ug/l	94
56) Ethyl methacrylate	10.877	69	49523	18.884	ug/l	96
57) 1,3-Dichloropropane	11.159	76	55493	18.943	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	87631	92.738	ug/l	99
59) 2-Hexanone	11.194	43	153851	93.665	ug/l	98
60) Dibromochloromethane	11.359	129	35833	18.785	ug/l	99
61) 1,2-Dibromoethane	11.471	107	31767	18.687	ug/l	98
64) Tetrachloroethene	11.106	164	27325	18.031	ug/l	97
65) Chlorobenzene	11.888	112	88414	17.456	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	31580	17.986	ug/l	97
67) Ethyl Benzene	11.959	91	159960	17.779	ug/l	96
68) m/p-Xylenes	12.071	106	117861	35.284	ug/l	99
69) o-Xylene	12.394	106	59388	18.365	ug/l	97
70) Styrene	12.412	104	96345	18.154	ug/l	99
71) Bromoform	12.576	173	21734	18.369	ug/l #	98
73) Isopropylbenzene	12.694	105	149372	17.792	ug/l	98
74) N-amyl acetate	12.494	43	64934	18.128	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	45224	18.333	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	38564m	17.612	ug/l	
77) Bromobenzene	12.976	156	34088	16.868	ug/l	96
78) n-propylbenzene	13.035	91	171132	17.519	ug/l	99
79) 2-Chlorotoluene	13.124	91	111010	17.820	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	128127	18.102	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	13477	16.120	ug/l	96
82) 4-Chlorotoluene	13.218	91	106816	17.086	ug/l	100
83) tert-Butylbenzene	13.435	119	111318	17.976	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	126783	17.831	ug/l	99
85) sec-Butylbenzene	13.612	105	145907	17.766	ug/l	98
86) p-Isopropyltoluene	13.729	119	118583	17.224	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	63010	16.521	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	62787	16.258	ug/l	99
89) n-Butylbenzene	14.053	91	96128	15.552	ug/l	100
90) Hexachloroethane	14.329	117	24745	17.880	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	63786	17.329	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	8779	17.853	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	29965	15.171	ug/l	99
94) Hexachlorobutadiene	15.500	225	13045	15.552	ug/l	96
95) Naphthalene	15.641	128	96573	16.071	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	29500	15.627	ug/l	99

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

