

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083865.D
 Acq On : 13 Sep 2024 09:48
 Operator : JC\MD
 Sample : P3957-09MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW179D-20240910MS

Quant Time: Sep 13 15:11:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/13/2024
 Supervised By :Mahesh Dadoda 09/13/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	137897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	250767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	224156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	116137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111105	53.434	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.860%			
35) Dibromofluoromethane	8.165	113	80218	49.968	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.940%			
50) Toluene-d8	10.565	98	287699	51.839	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.680%			
62) 4-Bromofluorobenzene	12.847	95	116253	50.771	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	79032	49.350	ug/l	98
3) Chloromethane	2.359	50	82403	50.403	ug/l	97
4) Vinyl Chloride	2.518	62	84842	48.333	ug/l	99
5) Bromomethane	2.901	94	48615	48.237	ug/l	97
6) Chloroethane	3.065	64	58678	47.655	ug/l	92
7) Trichlorofluoromethane	3.459	101	146014	49.005	ug/l	99
8) Diethyl Ether	3.953	74	51227	51.289	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.359	101	76075	48.170	ug/l	99
10) Methyl Iodide	4.577	142	99604	49.589	ug/l	91
11) Tert butyl alcohol	5.536	59	80891	290.519	ug/l	100
12) 1,1-Dichloroethene	4.324	96	74879	50.204	ug/l	96
13) Acrolein	4.177	56	62524	227.588	ug/l	99
14) Allyl chloride	5.012	41	128478	48.343	ug/l	98
15) Acrylonitrile	5.718	53	201702	266.374	ug/l	99
16) Acetone	4.430	43	179583	215.447	ug/l	97
17) Carbon Disulfide	4.700	76	183673	44.024	ug/l	99
18) Methyl Acetate	5.024	43	84774	48.767	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	293071	54.301	ug/l	98
20) Methylene Chloride	5.265	84	83883	49.177	ug/l	99
21) trans-1,2-Dichloroethene	5.777	96	76178	47.658	ug/l	89
22) Diisopropyl ether	6.671	45	287829	52.611	ug/l	97
23) Vinyl Acetate	6.600	43	862412	215.259	ug/l	99
24) 1,1-Dichloroethane	6.565	63	160616	50.959	ug/l	99
25) 2-Butanone	7.483	43	278073	253.820	ug/l	99
26) 2,2-Dichloropropane	7.488	77	82245	28.334	ug/l	86
27) cis-1,2-Dichloroethene	7.483	96	171757	90.518	ug/l	95
28) Bromochloromethane	7.812	49	72154	54.360	ug/l	95
29) Tetrahydrofuran	7.841	42	179672	277.361	ug/l	97
30) Chloroform	7.959	83	167920	50.183	ug/l	96
31) Cyclohexane	8.253	56	134468	44.746	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	155430	50.517	ug/l	99
36) 1,1-Dichloropropene	8.365	75	110692	45.810	ug/l	99
37) Ethyl Acetate	7.559	43	97908	44.640	ug/l	98
38) Carbon Tetrachloride	8.359	117	132187	48.220	ug/l	95
39) Methylcyclohexane	9.600	83	122125	44.403	ug/l	99
40) Benzene	8.606	78	351228	48.293	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	66411	51.194	ug/l	98
42) 1,2-Dichloroethane	8.671	62	134831	49.614	ug/l	99
43) Isopropyl Acetate	8.688	43	188058	47.315	ug/l	97
44) Trichloroethene	9.347	130	352764	209.456	ug/l	96
45) 1,2-Dichloropropane	9.618	63	86597	49.264	ug/l	98
46) Dibromomethane	9.706	93	62389	50.672	ug/l	99
47) Bromodichloromethane	9.888	83	131785	49.457	ug/l	99
48) Methyl methacrylate	9.677	41	99031	52.517	ug/l	98
49) 1,4-Dioxane	9.694	88	32117	1035.338	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	573660	265.147	ug/l	98
52) Toluene	10.629	92	218038	49.013	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	122886	45.498	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	128520	45.300	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	79788	48.042	ug/l	98
56) Ethyl methacrylate	10.871	69	137264	53.720	ug/l	97
57) 1,3-Dichloropropane	11.159	76	140584	49.252	ug/l	99
59) 2-Hexanone	11.194	43	422110	263.747	ug/l	99
60) Dibromochloromethane	11.359	129	93683	50.404	ug/l	100
61) 1,2-Dibromoethane	11.465	107	82945	50.078	ug/l	98
64) Tetrachloroethene	11.100	164	79585	53.388	ug/l	95
65) Chlorobenzene	11.888	112	226106	45.385	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	82259	47.628	ug/l	99
67) Ethyl Benzene	11.965	91	417055	47.124	ug/l	98
68) m/p-Xylenes	12.071	106	306660	93.331	ug/l	99
69) o-Xylene	12.394	106	152217	47.855	ug/l	99
70) Styrene	12.412	104	252503	48.370	ug/l	98
71) Bromoform	12.576	173	59648	51.251	ug/l #	100
73) Isopropylbenzene	12.694	105	390594	43.471	ug/l	100
74) N-amyl acetate	12.494	43	153897	40.145	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	119337	45.204	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	101618m	43.363	ug/l	
77) Bromobenzene	12.982	156	89944	41.587	ug/l	98
78) n-propylbenzene	13.035	91	443197	42.394	ug/l	99
79) 2-Chlorotoluene	13.123	91	284829	42.721	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	324992	42.902	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	34106	38.118	ug/l	94
82) 4-Chlorotoluene	13.217	91	281790	42.117	ug/l	100
83) tert-Butylbenzene	13.435	119	285096	43.017	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	332658	43.716	ug/l	99
85) sec-Butylbenzene	13.617	105	383025	43.577	ug/l	99
86) p-Isopropyltoluene	13.729	119	312449	42.406	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	165977	40.663	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	166214	40.216	ug/l	99
89) n-Butylbenzene	14.053	91	253931	38.385	ug/l	100
90) Hexachloroethane	14.335	117	61406	41.459	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	168140	42.683	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25626	48.694	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	81398	38.506	ug/l	97
94) Hexachlorobutadiene	15.500	225	33572	37.396	ug/l	99
95) Naphthalene	15.641	128	283349	44.058	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	82340	40.757	ug/l	98

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

