

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082324\
 Data File : VN083468.D
 Acq On : 23 Aug 2024 18:21
 Operator : JC\MD
 Sample : P3716-03MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1049-MW-02(23.8)MS

Quant Time: Aug 24 00:06:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/26/2024
 Supervised By : Semsettin Yesilyurt 08/26/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	150043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	266487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	242218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	128915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	128781	60.299	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.600%			
35) Dibromofluoromethane	8.165	113	94570	56.855	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.700%			
50) Toluene-d8	10.565	98	340897	54.942	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.880%			
62) 4-Bromofluorobenzene	12.847	95	141110	58.335	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 116.680%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	81448	47.868	ug/l	97
3) Chloromethane	2.359	50	85465	49.061	ug/l	95
4) Vinyl Chloride	2.512	62	94082	52.929	ug/l	98
5) Bromomethane	2.900	94	44634	40.468	ug/l	97
6) Chloroethane	3.059	64	61504	55.306	ug/l	96
7) Trichlorofluoromethane	3.465	101	150914	51.394	ug/l	96
8) Diethyl Ether	3.953	74	51931	47.527	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.347	101	82038	50.674	ug/l	98
10) Methyl Iodide	4.571	142	103915	48.795	ug/l	94
11) Tert butyl alcohol	5.536	59	87466	197.068	ug/l	98
12) 1,1-Dichloroethene	4.324	96	78053	46.928	ug/l	94
13) Acrolein	4.177	56	33465	115.689	ug/l	100
14) Allyl chloride	5.012	41	140692	44.762	ug/l	90
15) Acrylonitrile	5.724	53	226663	248.313	ug/l	99
16) Acetone	4.430	43	187007	223.775	ug/l	94
17) Carbon Disulfide	4.694	76	190725	39.190	ug/l	99
18) Methyl Acetate	5.024	43	126191	50.682	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	294946	49.129	ug/l	97
20) Methylene Chloride	5.271	84	88949	46.248	ug/l	87
21) trans-1,2-Dichloroethene	5.777	96	81041	47.143	ug/l	97
22) Diisopropyl ether	6.671	45	304602	51.556	ug/l	96
23) Vinyl Acetate	6.600	43	1441024	237.956	ug/l	96
24) 1,1-Dichloroethane	6.565	63	167493	52.010	ug/l	98
25) 2-Butanone	7.482	43	303225	236.308	ug/l	93
26) 2,2-Dichloropropane	7.488	77	121639	40.672	ug/l	94
27) cis-1,2-Dichloroethene	7.482	96	162675	78.421	ug/l	90
28) Bromochloromethane	7.812	49	76796	58.352	ug/l	90
29) Tetrahydrofuran	7.841	42	202008	243.533	ug/l	90
30) Chloroform	7.965	83	174809	52.249	ug/l	99
31) Cyclohexane	8.253	56	139218	43.987	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	160455	50.666	ug/l	98
36) 1,1-Dichloropropene	8.371	75	116459	46.284	ug/l	100
37) Ethyl Acetate	7.559	43	119938	42.572	ug/l #	94
38) Carbon Tetrachloride	8.359	117	136795	48.269	ug/l	97
39) Methylcyclohexane	9.600	83	134457	43.506	ug/l	96
40) Benzene	8.606	78	367651	49.047	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	72563	45.299	ug/l	96
42) 1,2-Dichloroethane	8.671	62	140084	51.302	ug/l	99
43) Isopropyl Acetate	8.688	43	226026	46.000	ug/l	96
44) Trichloroethene	9.353	130	138741	77.762	ug/l	95
45) 1,2-Dichloropropane	9.623	63	91455	51.400	ug/l	96
46) Dibromomethane	9.712	93	63887	50.164	ug/l	99
47) Bromodichloromethane	9.888	83	138189	48.324	ug/l	99
48) Methyl methacrylate	9.682	41	107912	46.331	ug/l	94
49) 1,4-Dioxane	9.694	88	37245	886.344	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	651221	244.439	ug/l	94
52) Toluene	10.629	92	227503	48.036	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	137334	46.753	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	142061	45.469	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	86149	50.757	ug/l	96
56) Ethyl methacrylate	10.876	69	150700	47.098	ug/l	88
57) 1,3-Dichloropropane	11.165	76	151333	50.023	ug/l	98
59) 2-Hexanone	11.194	43	486192	235.892	ug/l	94
60) Dibromochloromethane	11.359	129	101878	49.646	ug/l	99
61) 1,2-Dibromoethane	11.470	107	88615	49.700	ug/l	99
64) Tetrachloroethene	11.106	164	166688	103.910	ug/l	96
65) Chlorobenzene	11.894	112	241266	45.074	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	87677	46.444	ug/l	99
67) Ethyl Benzene	11.965	91	446888	45.511	ug/l	100
68) m/p-Xylenes	12.070	106	339332	92.253	ug/l	98
69) o-Xylene	12.400	106	161578	44.539	ug/l	96
70) Styrene	12.412	104	274295	45.018	ug/l	98
71) Bromoform	12.576	173	64179	44.876	ug/l #	96
73) Isopropylbenzene	12.694	105	427755	39.670	ug/l	99
74) N-amyl acetate	12.494	43	188032	35.651	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	132386	43.409	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	117603m	41.565	ug/l	
77) Bromobenzene	12.982	156	97016	40.503	ug/l	95
78) n-propylbenzene	13.035	91	488753	39.364	ug/l	100
79) 2-Chlorotoluene	13.123	91	314144	39.908	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	357248	39.574	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	43284	33.277	ug/l	98
82) 4-Chlorotoluene	13.223	91	312623	39.593	ug/l	97
83) tert-Butylbenzene	13.441	119	315423	39.455	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	367048	40.345	ug/l	99
85) sec-Butylbenzene	13.617	105	426760	39.121	ug/l	99
86) p-Isopropyltoluene	13.729	119	354673	39.377	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	184100	40.847	ug/l	97
88) 1,4-Dichlorobenzene	13.811	146	183970	40.488	ug/l	98
89) n-Butylbenzene	14.059	91	294650	37.754	ug/l	99
90) Hexachloroethane	14.335	117	68659	39.456	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	186756	42.819	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	29686	40.114	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	89431	36.600	ug/l	96
94) Hexachlorobutadiene	15.500	225	39286	36.152	ug/l	98
95) Naphthalene	15.641	128	321609	37.158	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	90827	37.567	ug/l	97

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

