

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050124\
 Data File : VN081965.D
 Acq On : 01 May 2024 18:39
 Operator : JC\MD
 Sample : P2329-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-18B-64-043024MS

Quant Time: May 02 01:51:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/02/2024
 Supervised By : Semsettin Yesilyurt 05/02/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	183258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	379228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	329954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	134440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	154724	50.025	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.060%			
35) Dibromofluoromethane	8.165	113	111115	48.665	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.320%			
50) Toluene-d8	10.571	98	458371	51.115	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.240%			
62) 4-Bromofluorobenzene	12.847	95	163702	46.180	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 92.360%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	119394	46.412	ug/l	96
3) Chloromethane	2.359	50	128034	47.708	ug/l	97
4) Vinyl Chloride	2.518	62	130155	53.577	ug/l	94
5) Bromomethane	2.948	94	54147	52.663	ug/l	94
6) Chloroethane	3.112	64	68831	56.059	ug/l	98
7) Trichlorofluoromethane	3.495	101	171430	45.618	ug/l	99
8) Diethyl Ether	3.965	74	86221	54.012	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.371	101	451188	206.800	ug/l	92
10) Methyl Iodide	4.594	142	109525	57.315	ug/l	98
11) Tert butyl alcohol	5.524	59	147080	261.586	ug/l	99
12) 1,1-Dichloroethene	4.342	96	202740	91.341	ug/l	87
13) Acrolein	4.183	56	110445	251.851	ug/l	100
14) Allyl chloride	5.024	41	205824	43.839	ug/l	91
15) Acrylonitrile	5.718	53	372591	275.966	ug/l	96
16) Acetone	4.430	43	264434	289.998	ug/l	100
17) Carbon Disulfide	4.712	76	307325	46.067	ug/l	99
18) Methyl Acetate	5.024	43	160660	51.284	ug/l	92
19) Methyl tert-butyl Ether	5.800	73	428824	51.200	ug/l	94
20) Methylene Chloride	5.277	84	138135	52.115	ug/l #	82
21) trans-1,2-Dichloroethene	5.783	96	140724	58.149	ug/l	87
22) Diisopropyl ether	6.671	45	479537	52.783	ug/l	95
23) Vinyl Acetate	6.600	43	1840083	249.275	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	331327	70.068	ug/l	96
25) 2-Butanone	7.483	43	467526	266.327	ug/l	93
26) 2,2-Dichloropropane	7.494	77	176244	40.517	ug/l #	40
27) cis-1,2-Dichloroethene	7.488	96	1523780	538.833	ug/l	96
28) Bromochloromethane	7.812	49	114924	51.136	ug/l #	79
29) Tetrahydrofuran	7.841	42	323748	257.176	ug/l	91
30) Chloroform	7.971	83	238814	50.951	ug/l	95
31) Cyclohexane	8.259	56	221639	47.569	ug/l	89
32) 1,1,1-Trichloroethane	8.165	97	195570	46.788	ug/l #	90
36) 1,1-Dichloropropene	8.377	75	173747	46.774	ug/l	97
37) Ethyl Acetate	7.565	43	191356	47.645	ug/l #	80
38) Carbon Tetrachloride	8.365	117	157493	43.381	ug/l	94
39) Methylcyclohexane	9.600	83	193597	42.914	ug/l	92
40) Benzene	8.606	78	580459	52.054	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	113950	44.465	ug/l	91
42) 1,2-Dichloroethane	8.671	62	202249	48.844	ug/l	97
43) Isopropyl Acetate	8.688	43	346466	45.879	ug/l	95
44) Trichloroethene	9.359	130	12530762	4873.989	ug/l	69
45) 1,2-Dichloropropane	9.624	63	140139	48.020	ug/l	97
46) Dibromomethane	9.706	93	90285	44.760	ug/l	90
47) Bromodichloromethane	9.888	83	188365	44.280	ug/l #	96
48) Methyl methacrylate	9.682	41	159307	44.190	ug/l	90
49) 1,4-Dioxane	9.700	88	58819	1073.456	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	1031648	242.672	ug/l	95
52) Toluene	10.635	92	328772	49.233	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	207204	44.765	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	225052	47.176	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	126668	48.231	ug/l	96
56) Ethyl methacrylate	10.876	69	232162	46.424	ug/l #	87
57) 1,3-Dichloropropane	11.165	76	226480	48.505	ug/l	99
59) 2-Hexanone	11.194	43	776012	245.281	ug/l	95
60) Dibromochloromethane	11.359	129	132226	47.535	ug/l	99
61) 1,2-Dibromoethane	11.470	107	126478	50.359	ug/l	95
64) Tetrachloroethene	11.106	164	234615	97.901	ug/l	86
65) Chlorobenzene	11.894	112	343261	47.639	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	111882	47.777	ug/l	97
67) Ethyl Benzene	11.965	91	625025	46.643	ug/l	95
68) m/p-Xylenes	12.070	106	467720	97.853	ug/l	96
69) o-Xylene	12.400	106	233413	50.019	ug/l	96
70) Styrene	12.412	104	396336	49.096	ug/l	96
71) Bromoform	12.582	173	77364	42.022	ug/l #	99
73) Isopropylbenzene	12.694	105	586983	49.108	ug/l	98
74) N-amyl acetate	12.494	43	308530	46.362	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	183938	51.244	ug/l	95
76) 1,2,3-Trichloropropane	12.994	75	166446m	47.751	ug/l	
77) Bromobenzene	12.982	156	120688	48.251	ug/l	70
78) n-propylbenzene	13.035	91	688721	47.435	ug/l	97
79) 2-Chlorotoluene	13.129	91	424029	45.903	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	466584	46.129	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	77916	45.804	ug/l	94
82) 4-Chlorotoluene	13.223	91	413640	46.123	ug/l	95
83) tert-Butylbenzene	13.441	119	393623	46.731	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	467346	46.268	ug/l	96
85) sec-Butylbenzene	13.617	105	562212	47.385	ug/l	98
86) p-Isopropyltoluene	13.729	119	445095	46.720	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	219139	46.954	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	233657	50.840	ug/l	96
89) n-Butylbenzene	14.059	91	411984	46.459	ug/l	98
90) Hexachloroethane	14.335	117	85750	45.756	ug/l	90
91) 1,2-Dichlorobenzene	14.106	146	215820	48.238	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	37072	42.422	ug/l	82
93) 1,2,4-Trichlorobenzene	15.394	180	115041	45.960	ug/l	96
94) Hexachlorobutadiene	15.506	225	37252	40.378	ug/l	98
95) Naphthalene	15.641	128	437721	46.279	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	108568	45.176	ug/l	94

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

