

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051524\
 Data File : VN082145.D
 Acq On : 15 May 2024 20:50
 Operator : JC\MD
 Sample : VN0515WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0515WBS01

Quant Time: May 16 05:52:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/16/2024
 Supervised By : Mahesh Dadoda 05/16/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	186892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	325996	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	292814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	144447	48.947	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.900%		
35) Dibromofluoromethane	8.165	113	99451	49.592	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.180%		
50) Toluene-d8	10.565	98	375900	48.891	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.780%		
62) 4-Bromofluorobenzene	12.847	95	130661	47.614	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	95.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	53035	19.683	ug/l	98
3) Chloromethane	2.359	50	61588	20.168	ug/l	100
4) Vinyl Chloride	2.512	62	58144	20.254	ug/l	96
5) Bromomethane	2.959	94	30918	18.737	ug/l	99
6) Chloroethane	3.124	64	38319	20.442	ug/l	94
7) Trichlorofluoromethane	3.501	101	76575	20.370	ug/l	95
8) Diethyl Ether	3.965	74	28982	21.641	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.377	101	43270	19.704	ug/l	98
10) Methyl Iodide	4.595	142	43896	19.884	ug/l	97
11) Tert butyl alcohol	5.518	59	47240	99.723	ug/l	99
12) 1,1-Dichloroethene	4.342	96	40916	20.046	ug/l #	76
13) Acrolein	4.177	56	37797	107.672	ug/l	98
14) Allyl chloride	5.030	41	84021	19.227	ug/l #	90
15) Acrylonitrile	5.718	53	126770	103.329	ug/l	99
16) Acetone	4.430	43	111426	92.043	ug/l	94
17) Carbon Disulfide	4.712	76	123881	18.792	ug/l	99
18) Methyl Acetate	5.024	43	60210	19.971	ug/l #	84
19) Methyl tert-butyl Ether	5.795	73	154067	20.651	ug/l	99
20) Methylene Chloride	5.277	84	49662	20.333	ug/l #	75
21) trans-1,2-Dichloroethene	5.783	96	43880	19.728	ug/l #	79
22) Diisopropyl ether	6.671	45	187114	20.505	ug/l #	91
23) Vinyl Acetate	6.600	43	734208	102.052	ug/l #	88
24) 1,1-Dichloroethane	6.565	63	93236	19.823	ug/l	97
25) 2-Butanone	7.483	43	183786	100.132	ug/l #	82
26) 2,2-Dichloropropane	7.489	77	75746	19.227	ug/l	95
27) cis-1,2-Dichloroethene	7.489	96	52850	20.133	ug/l	82
28) Bromochloromethane	7.818	49	43965	20.894	ug/l #	73
29) Tetrahydrofuran	7.841	42	120984	102.664	ug/l #	82
30) Chloroform	7.965	83	91352	20.339	ug/l	93
31) Cyclohexane	8.259	56	89278	18.942	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	81568	20.471	ug/l	94
36) 1,1-Dichloropropene	8.371	75	66649	19.816	ug/l	97
37) Ethyl Acetate	7.559	43	74749	19.859	ug/l #	95
38) Carbon Tetrachloride	8.365	117	68225	20.011	ug/l	97
39) Methylcyclohexane	9.600	83	71904	19.504	ug/l #	84
40) Benzene	8.606	78	204188	20.359	ug/l	95

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41) Methacrylonitrile	7.777	41	43318	19.569	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	78408	20.327	ug/l	95
43) Isopropyl Acetate	8.688	43	132238	19.827	ug/l #	89
44) Trichloroethene	9.353	130	45471	19.959	ug/l	93
45) 1,2-Dichloropropane	9.624	63	53163	20.544	ug/l	100
46) Dibromomethane	9.706	93	33749	19.865	ug/l	97
47) Bromodichloromethane	9.888	83	71791	20.017	ug/l	97
48) Methyl methacrylate	9.682	41	63889	20.103	ug/l #	82
49) 1,4-Dioxane	9.694	88	19201	431.164	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	389212	102.710	ug/l	88
52) Toluene	10.635	92	122372	20.332	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	72257	19.480	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	79859	20.339	ug/l #	82
55) 1,1,2-Trichloroethane	11.018	97	44931	20.542	ug/l	96
56) Ethyl methacrylate	10.877	69	74462	20.052	ug/l #	69
57) 1,3-Dichloropropane	11.165	76	81185	19.852	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	198926	103.854	ug/l	90
59) 2-Hexanone	11.194	43	282893	101.957	ug/l	88
60) Dibromochloromethane	11.359	129	49979	20.706	ug/l	99
61) 1,2-Dibromoethane	11.471	107	44357	19.744	ug/l	99
64) Tetrachloroethene	11.106	164	43790	20.177	ug/l	98
65) Chlorobenzene	11.894	112	127794	19.756	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	43635	20.479	ug/l	99
67) Ethyl Benzene	11.965	91	234305	20.248	ug/l	96
68) m/p-Xylenes	12.071	106	170346	40.166	ug/l	93
69) o-Xylene	12.400	106	81776	19.906	ug/l	92
70) Styrene	12.412	104	139198	20.399	ug/l	96
71) Bromoform	12.576	173	30547	18.474	ug/l #	100
73) Isopropylbenzene	12.694	105	211723	20.283	ug/l	98
74) N-amyl acetate	12.494	43	112130	19.529	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	59854	19.891	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	58688m	21.221	ug/l	
77) Bromobenzene	12.982	156	49075	19.728	ug/l	86
78) n-propylbenzene	13.035	91	250968	20.303	ug/l	96
79) 2-Chlorotoluene	13.129	91	153576	19.786	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	175592	20.803	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	21018	17.776	ug/l #	75
82) 4-Chlorotoluene	13.223	91	152981	20.158	ug/l	94
83) tert-Butylbenzene	13.441	119	149501	20.246	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	176087	20.391	ug/l	98
85) sec-Butylbenzene	13.618	105	207038	20.228	ug/l	98
86) p-Isopropyltoluene	13.729	119	170073	20.446	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	89484	19.855	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	89767	19.515	ug/l	98
89) n-Butylbenzene	14.059	91	144609	19.342	ug/l	97
90) Hexachloroethane	14.335	117	30595	19.852	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	85893	20.134	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12505	20.227	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	45586	19.063	ug/l	98
94) Hexachlorobutadiene	15.500	225	18926	18.037	ug/l	98
95) Naphthalene	15.641	128	143797	19.189	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	46077	19.248	ug/l	97

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

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