

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012224\
 Data File : VN080741.D
 Acq On : 22 Jan 2024 17:23
 Operator : JC\MD
 Sample : VN0122WBSD03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122WBSD03

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/23/2024
 Supervised By : Mahesh Dadoda 01/23/2024

Quant Time: Jan 23 03:56:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	155165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	307133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	258196	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	99223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	131008	48.079	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.160%		
35) Dibromofluoromethane	8.165	113	94460	54.130	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	108.260%		
50) Toluene-d8	10.565	98	382637	57.505	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	115.000%#		
62) 4-Bromofluorobenzene	12.847	95	131210	51.421	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.840%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	48039	19.057	ug/l	95
3) Chloromethane	2.359	50	72994	25.622	ug/l	96
4) Vinyl Chloride	2.512	62	50891	22.251	ug/l	94
5) Bromomethane	2.959	94	21811	25.090	ug/l	87
6) Chloroethane	3.130	64	29993	24.284	ug/l	97
7) Trichlorofluoromethane	3.500	101	70433	18.648	ug/l	100
8) Diethyl Ether	3.953	74	34742	21.048	ug/l	# 53
9) 1,1,2-Trichlorotrifluo...	4.365	101	44408	21.572	ug/l	90
10) Methyl Iodide	4.583	142	38027	22.091	ug/l	# 88
11) Tert butyl alcohol	5.518	59	43134	93.602	ug/l	100
12) 1,1-Dichloroethene	4.342	96	45850	19.792	ug/l	86
13) Acrolein	4.171	56	44772	116.278	ug/l	96
14) Allyl chloride	5.024	41	87880	19.136	ug/l	# 93
15) Acrylonitrile	5.712	53	129838	107.895	ug/l	98
16) Acetone	4.418	43	89478	100.022	ug/l	95
17) Carbon Disulfide	4.712	76	134266	18.949	ug/l	99
18) Methyl Acetate	5.024	43	62743	23.553	ug/l	# 80
19) Methyl tert-butyl Ether	5.794	73	166096	20.807	ug/l	# 89
20) Methylene Chloride	5.283	84	55451	21.233	ug/l	# 81
21) trans-1,2-Dichloroethene	5.783	96	50512	21.496	ug/l	# 80
22) Diisopropyl ether	6.671	45	208418	24.068	ug/l	# 87
23) Vinyl Acetate	6.600	43	809371	114.834	ug/l	# 83
24) 1,1-Dichloroethane	6.565	63	104889	22.127	ug/l	96
25) 2-Butanone	7.477	43	171500	106.058	ug/l	# 81
26) 2,2-Dichloropropane	7.488	77	86183	20.788	ug/l	100
27) cis-1,2-Dichloroethene	7.477	96	60864	23.496	ug/l	79
28) Bromochloromethane	7.818	49	46057	20.783	ug/l	# 58
29) Tetrahydrofuran	7.835	42	119273	109.433	ug/l	# 70
30) Chloroform	7.965	83	94393	21.241	ug/l	90
31) Cyclohexane	8.259	56	91642	21.769	ug/l	82
32) 1,1,1-Trichloroethane	8.171	97	79130	20.004	ug/l	94
36) 1,1-Dichloropropene	8.371	75	77226	21.604	ug/l	93
37) Ethyl Acetate	7.559	43	78420	22.624	ug/l	# 87
38) Carbon Tetrachloride	8.359	117	63083	19.655	ug/l	93
39) Methylcyclohexane	9.600	83	76487	22.359	ug/l	# 82
40) Benzene	8.606	78	231624	23.049	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	42978	21.375	ug/l #	82
42) 1,2-Dichloroethane	8.671	62	77248	20.079	ug/l	100
43) Isopropyl Acetate	8.688	43	138521	21.740	ug/l #	90
44) Trichloroethene	9.347	130	48469	21.306	ug/l	95
45) 1,2-Dichloropropane	9.618	63	65560	24.608	ug/l	98
46) Dibromomethane	9.712	93	34754	20.619	ug/l	93
47) Bromodichloromethane	9.888	83	76319	20.400	ug/l #	97
48) Methyl methacrylate	9.682	41	63372	21.008	ug/l #	76
49) 1,4-Dioxane	9.700	88	15903	423.097	ug/l #	67
51) 4-Methyl-2-Pentanone	10.447	43	377863	109.928	ug/l	88
52) Toluene	10.629	92	135018	23.451	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	88463	21.303	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	100179	22.749	ug/l #	80
55) 1,1,2-Trichloroethane	11.012	97	49282	22.238	ug/l	93
56) Ethyl methacrylate	10.871	69	87645	22.081	ug/l #	75
57) 1,3-Dichloropropane	11.165	76	95542	23.615	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	220276	115.863	ug/l #	83
59) 2-Hexanone	11.194	43	278707	109.834	ug/l	86
60) Dibromochloromethane	11.359	129	47298	20.767	ug/l	99
61) 1,2-Dibromoethane	11.471	107	49034	22.508	ug/l	94
64) Tetrachloroethene	11.100	164	37798	21.317	ug/l	91
65) Chlorobenzene	11.894	112	128085	22.706	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	45280	22.608	ug/l	99
67) Ethyl Benzene	11.965	91	241155	22.388	ug/l	94
68) m/p-Xylenes	12.071	106	175701	46.396	ug/l	93
69) o-Xylene	12.400	106	87640	23.669	ug/l	95
70) Styrene	12.412	104	147183	23.408	ug/l	96
71) Bromoform	12.576	173	29940	21.729	ug/l #	98
73) Isopropylbenzene	12.694	105	217562	23.058	ug/l	98
74) N-amyl acetate	12.494	43	124560	21.998	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.935	83	65842	21.273	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	58734m	19.196	ug/l	
77) Bromobenzene	12.976	156	44104	22.007	ug/l	74
78) n-propylbenzene	13.035	91	258104	22.299	ug/l	96
79) 2-Chlorotoluene	13.123	91	157822	21.276	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	172585	21.948	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	26254	20.228	ug/l	91
82) 4-Chlorotoluene	13.223	91	151766	20.870	ug/l	95
83) tert-Butylbenzene	13.435	119	140151	22.295	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	175821	22.739	ug/l	95
85) sec-Butylbenzene	13.617	105	204877	22.938	ug/l	100
86) p-Isopropyltoluene	13.729	119	162560	23.044	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	80483	22.484	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	79358	21.762	ug/l	97
89) n-Butylbenzene	14.059	91	156670	23.042	ug/l	97
90) Hexachloroethane	14.335	117	27380	20.929	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	75546	22.397	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11673	16.226	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	36657	20.867	ug/l	93
94) Hexachlorobutadiene	15.506	225	16380	19.430	ug/l	93
95) Naphthalene	15.641	128	142691	20.639	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	35860	21.089	ug/l	97

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

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