

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020724\
 Data File : VN080931.D
 Acq On : 07 Feb 2024 11:50
 Operator : JC\MD
 Sample : VN0207WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0207WBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

02/08/2024
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Feb 08 00:22:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	702584	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	1158140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	1008614	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	437148	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	368059	41.527	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.060%
35) Dibromofluoromethane	8.165	113	330012	53.103	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.200%
50) Toluene-d8	10.571	98	1134714	50.479	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.960%
62) 4-Bromofluorobenzene	12.847	95	400033	48.988	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.980%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	129711	16.296	ug/l	96
3) Chloromethane	2.360	50	132063	15.050	ug/l	90
4) Vinyl Chloride	2.512	62	146112	14.055	ug/l	91
5) Bromomethane	2.954	94	88819	13.281	ug/l	98
6) Chloroethane	3.118	64	101296	13.817	ug/l	99
7) Trichlorofluoromethane	3.495	101	229852	16.887	ug/l	90
8) Diethyl Ether	3.959	74	75970	15.622	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.371	101	126368	16.504	ug/l	# 84
10) Methyl Iodide	4.583	142	130473	17.620	ug/l	99
11) Tert butyl alcohol	5.506	59	93650	76.688	ug/l	99
12) 1,1-Dichloroethene	4.342	96	120130	15.948	ug/l	85
13) Acrolein	4.171	56	107496	69.842	ug/l	97
14) Allyl chloride	5.024	41	145554	14.584	ug/l	# 83
15) Acrylonitrile	5.718	53	255587	76.568	ug/l	100
16) Acetone	4.418	43	208657	71.557	ug/l	95
17) Carbon Disulfide	4.712	76	284388	14.969	ug/l	96
18) Methyl Acetate	5.024	43	133107	13.251	ug/l	# 83
19) Methyl tert-butyl Ether	5.795	73	392460	15.642	ug/l	# 89
20) Methylene Chloride	5.277	84	134623	15.238	ug/l	# 82
21) trans-1,2-Dichloroethene	5.783	96	128230	15.165	ug/l	92
22) Diisopropyl ether	6.671	45	354716	15.333	ug/l	# 91
23) Vinyl Acetate	6.600	43	1289111	84.567	ug/l	# 89
24) 1,1-Dichloroethane	6.565	63	229924	15.262	ug/l	96
25) 2-Butanone	7.483	43	327654	70.006	ug/l	# 82
26) 2,2-Dichloropropane	7.489	77	218709	15.875	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	154596	15.735	ug/l	83
28) Bromochloromethane	7.806	49	96609	15.411	ug/l	# 42
29) Tetrahydrofuran	7.836	42	203316	71.052	ug/l	# 77
30) Chloroform	7.965	83	250126	15.023	ug/l	96
31) Cyclohexane	8.259	56	173677	14.338	ug/l	# 71
32) 1,1,1-Trichloroethane	8.165	97	224996	15.596	ug/l	# 89
36) 1,1-Dichloropropene	8.371	75	178105	19.265	ug/l	94
37) Ethyl Acetate	7.559	43	131743	18.832	ug/l	97
38) Carbon Tetrachloride	8.359	117	193258	20.392	ug/l	99
39) Methylcyclohexane	9.600	83	174774	16.962	ug/l	# 84
40) Benzene	8.606	78	530004	18.833	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.777	41	69435	16.655	ug/l	#	85
42) 1,2-Dichloroethane	8.671	62	183777	18.756	ug/l		97
43) Isopropyl Acetate	8.689	43	243324	18.915	ug/l	#	92
44) Trichloroethene	9.353	130	153119	17.913	ug/l		93
45) 1,2-Dichloropropane	9.624	63	130507	17.188	ug/l		96
46) Dibromomethane	9.712	93	93939	16.731	ug/l	#	82
47) Bromodichloromethane	9.888	83	190689	17.363	ug/l	#	98
48) Methyl methacrylate	9.683	41	109895	15.163	ug/l	#	83
49) 1,4-Dioxane	9.694	88	39804	297.440	ug/l	#	79
51) 4-Methyl-2-Pentanone	10.447	43	678808	87.562	ug/l		91
52) Toluene	10.630	92	341913	18.139	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	200982	18.913	ug/l		99
54) cis-1,3-Dichloropropene	10.312	75	216871	18.181	ug/l		92
55) 1,1,2-Trichloroethane	11.018	97	131971	18.114	ug/l		93
56) Ethyl methacrylate	10.877	69	181575	20.834	ug/l	#	84
57) 1,3-Dichloropropane	11.165	76	220147	18.624	ug/l		97
58) 2-Chloroethyl Vinyl ether	10.159	63	427878	80.866	ug/l	#	81
59) 2-Hexanone	11.194	43	505661	86.060	ug/l		92
60) Dibromochloromethane	11.359	129	144297	19.383	ug/l		99
61) 1,2-Dibromoethane	11.471	107	136596	18.796	ug/l		97
64) Tetrachloroethene	11.106	164	132284	17.376	ug/l		92
65) Chlorobenzene	11.894	112	362571	17.152	ug/l		93
66) 1,1,1,2-Tetrachloroethane	11.965	131	137514	18.028	ug/l		97
67) Ethyl Benzene	11.965	91	624356	17.147	ug/l		95
68) m/p-Xylenes	12.071	106	481870	34.832	ug/l		94
69) o-Xylene	12.400	106	238570	17.772	ug/l		91
70) Styrene	12.412	104	394173	19.565	ug/l		94
71) Bromoform	12.582	173	96391	18.867	ug/l	#	99
73) Isopropylbenzene	12.694	105	572639	16.843	ug/l		97
74) N-amyl acetate	12.494	43	201963	16.480	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	168458	15.928	ug/l		98
76) 1,2,3-Trichloropropane	12.994	75	127987m	14.359	ug/l		
77) Bromobenzene	12.982	156	148969	17.366	ug/l		65
78) n-propylbenzene	13.035	91	649779	16.928	ug/l		94
79) 2-Chlorotoluene	13.129	91	407814	16.812	ug/l		91
80) 1,3,5-Trimethylbenzene	13.177	105	473653	17.140	ug/l		95
81) trans-1,4-Dichloro-2-b...	12.741	75	58618	17.868	ug/l		98
82) 4-Chlorotoluene	13.224	91	399565	16.510	ug/l		93
83) tert-Butylbenzene	13.441	119	400300	16.994	ug/l		93
84) 1,2,4-Trimethylbenzene	13.482	105	473120	17.190	ug/l		96
85) sec-Butylbenzene	13.618	105	546669	17.271	ug/l		93
86) p-Isopropyltoluene	13.729	119	465114	17.388	ug/l		95
87) 1,3-Dichlorobenzene	13.735	146	261314	17.105	ug/l		95
88) 1,4-Dichlorobenzene	13.812	146	268704	17.332	ug/l		97
89) n-Butylbenzene	14.059	91	389049	16.465	ug/l		96
90) Hexachloroethane	14.335	117	74642	17.697	ug/l		85
91) 1,2-Dichlorobenzene	14.106	146	256652	17.535	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	32107	16.230	ug/l		74
93) 1,2,4-Trichlorobenzene	15.394	180	130848	18.073	ug/l		97
94) Hexachlorobutadiene	15.506	225	58484	18.632	ug/l		97
95) Naphthalene	15.641	128	412012	17.235	ug/l		100
96) 1,2,3-Trichlorobenzene	15.847	180	131001	18.382	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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