

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021224\
 Data File : VN081000.D
 Acq On : 12 Feb 2024 11:57
 Operator : JC\MD
 Sample : VN0212WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0212WBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

Quant Time: Feb 13 03:18:04 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	8.229	168	578613	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	930431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	860011	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	382632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	283165	38.794	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	77.580%
35) Dibromofluoromethane	8.165	113	269137	53.906	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.820%
50) Toluene-d8	10.571	98	859742	47.607	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.220%
62) 4-Bromofluorobenzene	12.847	95	325656	49.640	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.280%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	105853	16.148	ug/l	98
3) Chloromethane	2.359	50	98453	13.489	ug/l	98
4) Vinyl Chloride	2.512	62	142408	16.634	ug/l	93
5) Bromomethane	2.953	94	73441	13.335	ug/l	97
6) Chloroethane	3.124	64	81382	13.479	ug/l	97
7) Trichlorofluoromethane	3.494	101	193844	17.293	ug/l	93
8) Diethyl Ether	3.959	74	65492	16.353	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.371	101	110297	17.491	ug/l	# 85
10) Methyl Iodide	4.589	142	105260	17.261	ug/l	99
11) Tert butyl alcohol	5.524	59	79745	79.293	ug/l	98
12) 1,1-Dichloroethene	4.336	96	99675	16.068	ug/l	86
13) Acrolein	4.183	56	90015	71.015	ug/l	100
14) Allyl chloride	5.024	41	116798	14.210	ug/l	# 84
15) Acrylonitrile	5.718	53	212833	77.421	ug/l	97
16) Acetone	4.430	43	151507	63.090	ug/l	96
17) Carbon Disulfide	4.712	76	221895	14.182	ug/l	98
18) Methyl Acetate	5.030	43	115152	14.079	ug/l	# 79
19) Methyl tert-butyl Ether	5.794	73	325175	15.737	ug/l	92
20) Methylene Chloride	5.277	84	114023	15.672	ug/l	# 77
21) trans-1,2-Dichloroethene	5.788	96	108033	15.514	ug/l	85
22) Diisopropyl ether	6.671	45	292091	15.332	ug/l	# 92
23) Vinyl Acetate	6.600	43	1028437	81.921	ug/l	# 89
24) 1,1-Dichloroethane	6.571	63	189176	15.247	ug/l	93
25) 2-Butanone	7.482	43	267682	69.447	ug/l	# 87
26) 2,2-Dichloropropane	7.488	77	172213	15.179	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	128568	15.889	ug/l	82
28) Bromochloromethane	7.812	49	73014	14.142	ug/l	# 38
29) Tetrahydrofuran	7.835	42	166545	70.672	ug/l	# 73
30) Chloroform	7.971	83	213497	15.570	ug/l	96
31) Cyclohexane	8.253	56	140669	14.101	ug/l	# 71
32) 1,1,1-Trichloroethane	8.171	97	194154	16.341	ug/l	# 90
36) 1,1-Dichloropropene	8.371	75	143066	19.262	ug/l	93
37) Ethyl Acetate	7.559	43	105697	18.807	ug/l	# 94
38) Carbon Tetrachloride	8.359	117	162458	21.337	ug/l	92
39) Methylcyclohexane	9.600	83	139653	16.870	ug/l	# 84
40) Benzene	8.606	78	441561	19.531	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.782	41	61376	18.325	ug/l	#	88
42) 1,2-Dichloroethane	8.671	62	145835	18.526	ug/l		94
43) Isopropyl Acetate	8.688	43	192409	18.618	ug/l	#	87
44) Trichloroethene	9.353	130	123223	17.943	ug/l		98
45) 1,2-Dichloropropane	9.624	63	103913	17.035	ug/l		98
46) Dibromomethane	9.712	93	79924	17.719	ug/l	#	83
47) Bromodichloromethane	9.888	83	160072	18.143	ug/l	#	97
48) Methyl methacrylate	9.682	41	85309	14.651	ug/l	#	78
49) 1,4-Dioxane	9.700	88	35767	332.685	ug/l	#	83
51) 4-Methyl-2-Pentanone	10.447	43	554173	88.980	ug/l		91
52) Toluene	10.629	92	271604	17.935	ug/l		99
53) t-1,3-Dichloropropene	10.841	75	153668	17.999	ug/l		98
54) cis-1,3-Dichloropropene	10.312	75	173421	18.096	ug/l	#	87
55) 1,1,2-Trichloroethane	11.018	97	112999	19.306	ug/l		90
56) Ethyl methacrylate	10.876	69	145638	20.800	ug/l	#	79
57) 1,3-Dichloropropane	11.165	76	181741	19.138	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.159	63	327889	77.135	ug/l	#	78
59) 2-Hexanone	11.194	43	421421	89.276	ug/l		90
60) Dibromochloromethane	11.359	129	120312	20.117	ug/l		97
61) 1,2-Dibromoethane	11.470	107	115084	19.711	ug/l		95
64) Tetrachloroethene	11.106	164	104625	16.117	ug/l		90
65) Chlorobenzene	11.894	112	310997	17.255	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.959	131	119987	18.448	ug/l		96
67) Ethyl Benzene	11.965	91	528231	17.013	ug/l		98
68) m/p-Xylenes	12.070	106	411262	34.865	ug/l		92
69) o-Xylene	12.400	106	204158	17.837	ug/l		92
70) Styrene	12.412	104	331843	19.318	ug/l		94
71) Bromoform	12.582	173	86029	19.749	ug/l	#	97
73) Isopropylbenzene	12.694	105	497641	16.723	ug/l		95
74) N-amyl acetate	12.494	43	162917	15.188	ug/l	#	83
75) 1,1,2,2-Tetrachloroethane	12.941	83	152080	16.429	ug/l		98
76) 1,2,3-Trichloropropane	12.994	75	134886m	17.289	ug/l		
77) Bromobenzene	12.982	156	129427	17.237	ug/l		65
78) n-propylbenzene	13.035	91	560898	16.695	ug/l		92
79) 2-Chlorotoluene	13.129	91	346197	16.305	ug/l		87
80) 1,3,5-Trimethylbenzene	13.176	105	406551	16.808	ug/l		93
81) trans-1,4-Dichloro-2-b...	12.735	75	43470	15.138	ug/l		85
82) 4-Chlorotoluene	13.223	91	350236	16.533	ug/l		91
83) tert-Butylbenzene	13.441	119	351621	17.054	ug/l		92
84) 1,2,4-Trimethylbenzene	13.482	105	413306	17.156	ug/l		94
85) sec-Butylbenzene	13.617	105	480054	17.327	ug/l		93
86) p-Isopropyltoluene	13.729	119	403616	17.239	ug/l		96
87) 1,3-Dichlorobenzene	13.735	146	235399	17.604	ug/l		94
88) 1,4-Dichlorobenzene	13.811	146	240419	17.717	ug/l		96
89) n-Butylbenzene	14.059	91	329134	15.914	ug/l		95
90) Hexachloroethane	14.335	117	66034	17.886	ug/l		87
91) 1,2-Dichlorobenzene	14.106	146	234266	18.286	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	26694	15.416	ug/l		59
93) 1,2,4-Trichlorobenzene	15.394	180	119426	18.845	ug/l		98
94) Hexachlorobutadiene	15.505	225	55659	20.258	ug/l		93
95) Naphthalene	15.641	128	373317	17.842	ug/l		99
96) 1,2,3-Trichlorobenzene	15.847	180	114978	18.432	ug/l		97

02/13/2024
 Supervised By :Mahesh
 Dadoda

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

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

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Supervised By :Mahesh
Dadoda

02/13/2024

