

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021224\
 Data File : VN081001.D
 Acq On : 12 Feb 2024 13:11
 Operator : JC\MD
 Sample : VN0212WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0212WBS02

Quant Time: Feb 13 03:18:53 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

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 02/13/2024
 Supervised By : Mahesh Dadoda 02/13/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	541825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	976141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	847833	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	373935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	337371	49.358	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.720%		
35) Dibromofluoromethane	8.165	113	306873	58.586	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	117.180%		
50) Toluene-d8	10.571	98	1049370	55.387	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	110.780%		
62) 4-Bromofluorobenzene	12.853	95	412616	59.950	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	119.900%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	112093	18.261	ug/l	97
3) Chloromethane	2.359	50	111069	16.541	ug/l	98
4) Vinyl Chloride	2.512	62	179762	22.423	ug/l	97
5) Bromomethane	2.953	94	86143	16.703	ug/l	100
6) Chloroethane	3.118	64	94092	16.643	ug/l	98
7) Trichlorofluoromethane	3.495	101	200024	19.055	ug/l	94
8) Diethyl Ether	3.959	74	69512	18.535	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.377	101	110613	18.733	ug/l	89
10) Methyl Iodide	4.589	142	109471	19.170	ug/l	96
11) Tert butyl alcohol	5.518	59	88468	93.939	ug/l	# 84
12) 1,1-Dichloroethene	4.342	96	103352	17.792	ug/l	80
13) Acrolein	4.183	56	78262	65.935	ug/l	97
14) Allyl chloride	5.024	41	135473	17.601	ug/l	# 89
15) Acrylonitrile	5.718	53	239425	93.008	ug/l	99
16) Acetone	4.424	43	168706	75.022	ug/l	99
17) Carbon Disulfide	4.712	76	245110	16.729	ug/l	99
18) Methyl Acetate	5.024	43	127491	17.225	ug/l	# 85
19) Methyl tert-butyl Ether	5.800	73	363414	18.782	ug/l	93
20) Methylene Chloride	5.277	84	117352	17.225	ug/l	# 90
21) trans-1,2-Dichloroethene	5.777	96	113770	17.447	ug/l	# 79
22) Diisopropyl ether	6.671	45	349455	19.588	ug/l	# 90
23) Vinyl Acetate	6.600	43	1223252	104.055	ug/l	# 86
24) 1,1-Dichloroethane	6.565	63	222544	19.154	ug/l	95
25) 2-Butanone	7.483	43	304677	84.411	ug/l	# 90
26) 2,2-Dichloropropane	7.488	77	199055	18.736	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	141894	18.727	ug/l	84
28) Bromochloromethane	7.812	49	77335	15.996	ug/l	# 49
29) Tetrahydrofuran	7.841	42	197899	89.678	ug/l	# 81
30) Chloroform	7.965	83	233761	18.206	ug/l	93
31) Cyclohexane	8.259	56	161788	17.319	ug/l	# 84
32) 1,1,1-Trichloroethane	8.171	97	211870	19.043	ug/l	# 89
36) 1,1-Dichloropropene	8.371	75	160515	20.599	ug/l	95
37) Ethyl Acetate	7.559	43	123317	20.915	ug/l	95
38) Carbon Tetrachloride	8.365	117	176151	22.052	ug/l	94
39) Methylcyclohexane	9.600	83	171007	19.690	ug/l	# 81
40) Benzene	8.612	78	497725	20.984	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	72231	20.556	ug/l	91
42) 1,2-Dichloroethane	8.671	62	172938	20.940	ug/l	96
43) Isopropyl Acetate	8.688	43	222279	20.501	ug/l #	90
44) Trichloroethene	9.353	130	157643	21.881	ug/l	89
45) 1,2-Dichloropropane	9.624	63	127319	19.894	ug/l	99
46) Dibromomethane	9.712	93	92590	19.565	ug/l #	87
47) Bromodichloromethane	9.888	83	182174	19.681	ug/l #	98
48) Methyl methacrylate	9.682	41	102037	16.703	ug/l #	77
49) 1,4-Dioxane	9.694	88	41735	370.017	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	652153	99.808	ug/l	91
52) Toluene	10.629	92	316296	19.908	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	183819	20.523	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	199768	19.870	ug/l #	85
55) 1,1,2-Trichloroethane	11.018	97	128313	20.896	ug/l	94
56) Ethyl methacrylate	10.876	69	172437	23.474	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	208606	20.939	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	319712	71.689	ug/l #	83
59) 2-Hexanone	11.200	43	483271	97.584	ug/l	91
60) Dibromochloromethane	11.359	129	136889	21.817	ug/l	98
61) 1,2-Dibromoethane	11.471	107	129192	21.091	ug/l	98
64) Tetrachloroethene	11.106	164	116079	18.139	ug/l	89
65) Chlorobenzene	11.894	112	344876	19.409	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	130243	20.313	ug/l	97
67) Ethyl Benzene	11.965	91	585469	19.128	ug/l	94
68) m/p-Xylenes	12.070	106	456307	39.240	ug/l	91
69) o-Xylene	12.400	106	220871	19.574	ug/l	92
70) Styrene	12.412	104	374932	22.139	ug/l	95
71) Bromoform	12.582	173	87797	20.444	ug/l #	94
73) Isopropylbenzene	12.700	105	584750	20.107	ug/l	96
74) N-amyl acetate	12.494	43	194425	18.547	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	176470	19.507	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	157847m	20.703	ug/l	
77) Bromobenzene	12.982	156	154325	21.031	ug/l	65
78) n-propylbenzene	13.035	91	696506	21.213	ug/l	93
79) 2-Chlorotoluene	13.123	91	425488	20.506	ug/l	89
80) 1,3,5-Trimethylbenzene	13.176	105	497627	21.052	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	49537	17.652	ug/l #	82
82) 4-Chlorotoluene	13.223	91	407627	19.690	ug/l	88
83) tert-Butylbenzene	13.441	119	384203	19.068	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	458446	19.473	ug/l	94
85) sec-Butylbenzene	13.617	105	538802	19.900	ug/l	93
86) p-Isopropyltoluene	13.729	119	455253	19.896	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	253500	19.399	ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	257645	19.428	ug/l	95
89) n-Butylbenzene	14.059	91	377847	18.694	ug/l	97
90) Hexachloroethane	14.335	117	73428	20.352	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	243285	19.432	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	30824	18.215	ug/l	73
93) 1,2,4-Trichlorobenzene	15.394	180	121032	19.543	ug/l	98
94) Hexachlorobutadiene	15.506	225	53848	20.055	ug/l	96
95) Naphthalene	15.647	128	415670	20.328	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	121174	19.877	ug/l	98

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

