

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021224\
 Data File : VN081002.D
 Acq On : 12 Feb 2024 13:45
 Operator : JC\MD
 Sample : VN0212WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0212WBSD02

Quant Time: Feb 13 03:19:44 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	486892	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	699488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	622730	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	275185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	242462	39.475	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	78.960%		
35) Dibromofluoromethane	8.171	113	233173	62.122	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	124.240%#		
50) Toluene-d8	10.571	98	676784	49.849	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.700%		
62) 4-Bromofluorobenzene	12.853	95	276304	56.022	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	112.040%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	74407	13.489	ug/l	99
3) Chloromethane	2.359	50	79723	12.927	ug/l	98
4) Vinyl Chloride	2.512	62	126505	17.560	ug/l	93
5) Bromomethane	2.959	94	61512	13.273	ug/l	84
6) Chloroethane	3.124	64	67163	13.220	ug/l	95
7) Trichlorofluoromethane	3.495	101	135259	14.339	ug/l	92
8) Diethyl Ether	3.965	74	52482	15.573	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.371	101	78105	14.720	ug/l	92
10) Methyl Iodide	4.589	142	73781	14.378	ug/l	92
11) Tert butyl alcohol	5.512	59	74467	87.993	ug/l	98
12) 1,1-Dichloroethene	4.336	96	69769	13.366	ug/l	85
13) Acrolein	4.177	56	83281	78.079	ug/l	98
14) Allyl chloride	5.012	41	102573	14.830	ug/l #	90
15) Acrylonitrile	5.718	53	184586	79.795	ug/l	98
16) Acetone	4.430	43	130133	64.398	ug/l	99
17) Carbon Disulfide	4.712	76	166653	12.657	ug/l	99
18) Methyl Acetate	5.024	43	102309	15.043	ug/l #	85
19) Methyl tert-butyl Ether	5.795	73	262244	15.082	ug/l	95
20) Methylene Chloride	5.277	84	98987	16.168	ug/l #	78
21) trans-1,2-Dichloroethene	5.789	96	82586	14.094	ug/l	83
22) Diisopropyl ether	6.671	45	237441	14.811	ug/l #	91
23) Vinyl Acetate	6.600	43	867233	82.094	ug/l #	89
24) 1,1-Dichloroethane	6.565	63	148161	14.191	ug/l	94
25) 2-Butanone	7.483	43	236902	73.039	ug/l #	88
26) 2,2-Dichloropropane	7.494	77	147722	15.473	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	110344	16.206	ug/l	80
28) Bromochloromethane	7.812	49	55312	12.732	ug/l #	30
29) Tetrahydrofuran	7.836	42	154374	77.847	ug/l #	76
30) Chloroform	7.965	83	186820	16.191	ug/l	99
31) Cyclohexane	8.259	56	118792	14.151	ug/l #	75
32) 1,1,1-Trichloroethane	8.171	97	164213	16.425	ug/l #	90
36) 1,1-Dichloropropene	8.365	75	122635	21.962	ug/l	94
37) Ethyl Acetate	7.565	43	100162	23.706	ug/l #	93
38) Carbon Tetrachloride	8.365	117	139383	24.350	ug/l	99
39) Methylcyclohexane	9.600	83	107095	17.208	ug/l #	79
40) Benzene	8.606	78	362111	21.305	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	53874	21.396	ug/l #	89
42) 1,2-Dichloroethane	8.671	62	123780	20.916	ug/l	96
43) Isopropyl Acetate	8.688	43	164332	21.151	ug/l #	89
44) Trichloroethene	9.353	130	92978	18.009	ug/l	99
45) 1,2-Dichloropropane	9.624	63	86758	18.918	ug/l	98
46) Dibromomethane	9.712	93	67263	19.835	ug/l #	89
47) Bromodichloromethane	9.888	83	128449	19.365	ug/l #	99
48) Methyl methacrylate	9.683	41	80855	18.471	ug/l	91
49) 1,4-Dioxane	9.694	88	32148	397.748	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	490837	104.830	ug/l	92
52) Toluene	10.635	92	220478	19.366	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	132250	20.605	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	140129	19.450	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	93444	21.236	ug/l	93
56) Ethyl methacrylate	10.877	69	125996	23.936	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	150479	21.078	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	303892	95.093	ug/l #	83
59) 2-Hexanone	11.200	43	364673	102.760	ug/l	92
60) Dibromochloromethane	11.359	129	100130	22.270	ug/l	96
61) 1,2-Dibromoethane	11.471	107	95780	21.821	ug/l	99
64) Tetrachloroethene	11.106	164	80829	17.196	ug/l	93
65) Chlorobenzene	11.894	112	240325	18.414	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	90508	19.218	ug/l	97
67) Ethyl Benzene	11.965	91	401686	17.867	ug/l	99
68) m/p-Xylenes	12.071	106	312877	36.631	ug/l	93
69) o-Xylene	12.400	106	177473	21.413	ug/l	90
70) Styrene	12.412	104	288560	23.198	ug/l	95
71) Bromoform	12.582	173	77998	24.727	ug/l #	97
73) Isopropylbenzene	12.700	105	428324	20.014	ug/l	97
74) N-amyl acetate	12.494	43	151228	19.603	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	143064	21.489	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	104244m	18.579	ug/l	
77) Bromobenzene	12.982	156	114642	21.230	ug/l	66
78) n-propylbenzene	13.035	91	479440	19.842	ug/l	92
79) 2-Chlorotoluene	13.129	91	301772	19.763	ug/l	89
80) 1,3,5-Trimethylbenzene	13.176	105	349324	20.081	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.741	75	39463	19.109	ug/l #	91
82) 4-Chlorotoluene	13.223	91	294494	19.330	ug/l	90
83) tert-Butylbenzene	13.441	119	298608	20.138	ug/l	89
84) 1,2,4-Trimethylbenzene	13.482	105	332953	19.217	ug/l	96
85) sec-Butylbenzene	13.618	105	368933	18.516	ug/l	95
86) p-Isopropyltoluene	13.735	119	306056	18.176	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	179419	18.657	ug/l	94
88) 1,4-Dichlorobenzene	13.818	146	178634	18.304	ug/l	98
89) n-Butylbenzene	14.059	91	247543	16.642	ug/l	96
90) Hexachloroethane	14.335	117	49795	18.754	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	172622	18.736	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23217	18.644	ug/l	74
93) 1,2,4-Trichlorobenzene	15.394	180	82343	18.067	ug/l	94
94) Hexachlorobutadiene	15.506	225	35922	18.180	ug/l	98
95) Naphthalene	15.641	128	295562	19.641	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	87367	19.474	ug/l	99

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

