

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072023\
 Data File : VN078593.D
 Acq On : 20 Jul 2023 14:46
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 21 06:12:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 07/21/2023
 Supervised By :Mahesh Dadoda 07/21/2023

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	821122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1472624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1344752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	543535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	587350	53.357	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.720%			
35) Dibromofluoromethane	8.171	113	524526	52.470	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.940%			
50) Toluene-d8	10.571	98	1923753	50.941	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.880%			
62) 4-Bromofluorobenzene	12.853	95	624052	53.649	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.300%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	165716	16.461	ug/l	93
3) Chloromethane	2.371	50	254178	23.229	ug/l	100
4) Vinyl Chloride	2.518	62	309305	21.851	ug/l	97
5) Bromomethane	2.948	94	207923	20.267	ug/l	93
6) Chloroethane	3.118	64	209933	23.499	ug/l	95
7) Trichlorofluoromethane	3.501	101	331611	19.598	ug/l	96
8) Diethyl Ether	3.971	74	154467	27.400	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.383	101	177271	19.791	ug/l	97
10) Methyl Iodide	4.595	142	284923	23.148	ug/l	96
11) Tert butyl alcohol	5.542	59	243378	143.377	ug/l	99
12) 1,1-Dichloroethene	4.348	96	189636	21.887	ug/l	92
13) Acrolein	4.189	56	231276	138.482	ug/l	94
14) Allyl chloride	5.030	41	286099	24.165	ug/l	95
15) Acrylonitrile	5.730	53	619931	144.545	ug/l	98
16) Acetone	4.442	43	477028	139.116	ug/l	97
17) Carbon Disulfide	4.718	76	462019	18.441	ug/l	100
18) Methyl Acetate	5.036	43	420016	28.935	ug/l	89
19) Methyl tert-butyl Ether	5.812	73	820795	28.752	ug/l	96
20) Methylene Chloride	5.283	84	279457	27.871	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	231029	23.662	ug/l	95
22) Diisopropyl ether	6.683	45	787733	29.715	ug/l	94
23) Vinyl Acetate	6.612	43	2474060	146.800	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	467884	26.193	ug/l	98
25) 2-Butanone	7.494	43	782899	145.043	ug/l #	86
26) 2,2-Dichloropropane	7.494	77	311899	21.348	ug/l	95
27) cis-1,2-Dichloroethene	7.494	96	308561	27.319	ug/l	97
28) Bromochloromethane	7.824	49	215150	25.572	ug/l	94
29) Tetrahydrofuran	7.847	42	510549	144.150	ug/l	85
30) Chloroform	7.971	83	520322	27.978	ug/l	94
31) Cyclohexane	8.265	56	283790	19.076	ug/l	87
32) 1,1,1-Trichloroethane	8.177	97	405832	24.339	ug/l	97
36) 1,1-Dichloropropene	8.377	75	313909	21.748	ug/l	98
37) Ethyl Acetate	7.571	43	331329	27.536	ug/l #	94
38) Carbon Tetrachloride	8.371	117	340852	21.727	ug/l	98
39) Methylcyclohexane	9.606	83	253074	19.208	ug/l	92
40) Benzene	8.612	78	1091139	25.516	ug/l	97

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41) Methacrylonitrile	7.788	41	172669	28.149	ug/l	94
42) 1,2-Dichloroethane	8.677	62	398300	27.384	ug/l	99
43) Isopropyl Acetate	8.694	43	570278	28.787	ug/l	93
44) Trichloroethene	9.359	130	266590	23.131	ug/l	99
45) 1,2-Dichloropropane	9.630	63	297532	27.471	ug/l	97
46) Dibromomethane	9.718	93	214066	28.082	ug/l	94
47) Bromodichloromethane	9.894	83	421747	27.600	ug/l	98
48) Methyl methacrylate	9.688	41	259565	28.282	ug/l	89
49) 1,4-Dioxane	9.700	88	110109	550.127	ug/l	91
51) 4-Methyl-2-Pentanone	10.453	43	1723698	146.283	ug/l	93
52) Toluene	10.635	92	672512	25.375	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	432976	27.658	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	467447	28.013	ug/l	94
55) 1,1,2-Trichloroethane	11.024	97	292965	28.056	ug/l	93
56) Ethyl methacrylate	10.882	69	434661	29.778	ug/l	91
57) 1,3-Dichloropropane	11.171	76	495531	27.910	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	750516	144.276	ug/l	93
59) 2-Hexanone	11.200	43	1205164	143.908	ug/l	93
60) Dibromochloromethane	11.365	129	329032	28.542	ug/l	100
61) 1,2-Dibromoethane	11.476	107	306378	28.482	ug/l	98
64) Tetrachloroethene	11.112	164	203125	20.091	ug/l	97
65) Chlorobenzene	11.894	112	739094	24.589	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	301661	26.087	ug/l	98
67) Ethyl Benzene	11.971	91	1221657	24.044	ug/l	97
68) m/p-Xylenes	12.076	106	930237	49.519	ug/l	100
69) o-Xylene	12.406	106	466602	24.591	ug/l	96
70) Styrene	12.418	104	780455	26.292	ug/l	97
71) Bromoform	12.582	173	216565	27.653	ug/l #	100
73) Isopropylbenzene	12.700	105	1088573	21.314	ug/l	99
74) N-amyl acetate	12.500	43	452168	25.690	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	424096	28.391	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	329180m	25.056	ug/l	
77) Bromobenzene	12.988	156	299231	26.206	ug/l	94
78) n-propylbenzene	13.041	91	1215089	22.246	ug/l	100
79) 2-Chlorotoluene	13.129	91	796818	22.272	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	905201	22.432	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	117028	23.408	ug/l #	87
82) 4-Chlorotoluene	13.229	91	768096	23.014	ug/l	97
83) tert-Butylbenzene	13.447	119	743871	21.712	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	935562	23.868	ug/l	100
85) sec-Butylbenzene	13.623	105	914248	21.112	ug/l	99
86) p-Isopropyltoluene	13.735	119	754233	21.690	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	475901	24.272	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	461964	23.392	ug/l	98
89) n-Butylbenzene	14.059	91	582178	23.399	ug/l	99
90) Hexachloroethane	14.341	117	146869	22.532	ug/l	86
91) 1,2-Dichlorobenzene	14.112	146	483457	24.777	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	65651	25.926	ug/l	90
93) 1,2,4-Trichlorobenzene	15.400	180	152695	24.520	ug/l	97
94) Hexachlorobutadiene	15.512	225	76311	21.313	ug/l	97
95) Naphthalene	15.647	128	502029	23.581	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	170022	23.745	ug/l	97

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

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