Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103024\
Data File : BE101421.D
Acq On : 30 Oct 2024 12:58
Operator : RC/JU
Sample : P4368-09
Misc : MDL-MDL-WATER 8 PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MDL-WATER-03-QT4-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024

Quant Time: Oct 30 13:54:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 29 01:26:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.569	152	173051	20.000	ng		0.00
21) Naphthalene-d8	10.337	136	861493	20.000	ng		0.00
39) Acenaphthene-d10	14.179	164	625958	20.000	ng		0.00
64) Phenanthrene-d10	16.917	188	1414297	20.000	ng		0.00
76) Chrysene-d12	21.077	240	1568221	20.000	ng		0.00
86) Perylene-d12	23.363	264	1897526	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.313	112	1184363	119.953	ng		0.00
7) Phenol-d6	6.947	99	1712431	125.080	ng		0.00
23) Nitrobenzene-d5	8.786	82	1261492	91.972	ng		0.00
42) 2,4,6-Tribromophenol	15.689	330	1403901	127.964	ng		0.00
45) 2-Fluorobiphenyl	12.805	172	3166293	85.664	ng		0.00
79) Terphenyl-d14	19.514	244	4674866	68.609	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.216	88	28630	7.774	ng		94
3) Pyridine	3.715	79	74786m	7.178	ng		
4) n-Nitrosodimethylamine	3.592	42	34238m	8.493	ng		
6) Aniline	7.017	93	121140	11.546	ng		100
8) 2-Chlorophenol	7.217	128	101355	8.559	ng		97
9) Benzaldehyde	6.782	77	77988	11.800	ng		97
10) Phenol	6.970	94	129617m	8.726	ng		
11) bis(2-Chloroethyl)ether	7.041	93	102203m	8.387	ng		
12) 1,3-Dichlorobenzene	7.458	146	104892	8.214	ng		98
13) 1,4-Dichlorobenzene	7.605	146	108018	8.284	ng		98
14) 1,2-Dichlorobenzene	7.934	146	106533	8.346	ng		97
15) Benzyl Alcohol	7.910	79	84181	10.315	ng		87
16) 2,2'-oxybis(1-Chloropr...	8.069	45	143276	9.343	ng		99
17) 2-Methylphenol	8.151	107	77595	7.718	ng		99
18) Hexachloroethane	8.627	117	34155	8.021	ng		96
19) n-Nitroso-di-n-propyla...	8.374	70	82020	9.028	ng		98
20) 3+4-Methylphenols	8.492	107	107245	7.728	ng		97
22) Acetophenone	8.421	105	167702	8.573	ng	#	98
24) Nitrobenzene	8.821	77	120658	8.265	ng		99
25) Isophorone	9.273	82	229583	8.578	ng		100
26) 2-Nitrophenol	9.508	139	57815	8.194	ng		96
27) 2,4-Dimethylphenol	9.626	122	48158	5.424	ng		97
28) bis(2-Chloroethoxy)met...	9.773	93	138383	8.525	ng		100
29) 2,4-Dichlorophenol	10.055	162	96843	7.884	ng		99
30) 1,2,4-Trichlorobenzene	10.184	180	108020	8.073	ng		99
31) Naphthalene	10.384	128	361923	8.244	ng		99
32) Benzoic acid	9.826	122	33126m	11.222	ng		
33) 4-Chloroaniline	10.613	127	141782	9.288	ng		99
34) Hexachlorobutadiene	10.636	225	62299	7.866	ng		99
35) Caprolactam	11.383	113	34676	7.365	ng		97
36) 4-Chloro-3-methylphenol	11.782	107	106706	7.630	ng		99
37) 2-Methylnaphthalene	11.976	142	260208	8.227	ng		99
38) 1-Methylnaphthalene	12.199	142	245021	7.762	ng		100
40) 1,2,4,5-Tetrachloroben...	12.329	216	131933	8.396	ng		100
41) Hexachlorocyclopentadiene	12.317	237	25359	4.886	ng		96
43) 2,4,6-Trichlorophenol	12.652	196	86202	7.957	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.752	196	95876	7.729	ng		99
46)	1,1'-Biphenyl	13.004	154	371373	8.660	ng		100
47)	2-Chloronaphthalene	13.051	162	273668	8.077	ng		99
48)	2-Nitroaniline	13.380	65	72257	7.924	ng		94
49)	Acenaphthylene	13.909	152	447919	8.939	ng		100
50)	Dimethylphthalate	13.680	163	370006	8.374	ng		99
51)	2,6-Dinitrotoluene	13.815	165	77826	7.629	ng		98
52)	Acenaphthene	14.238	154	267102	8.164	ng		99
53)	3-Nitroaniline	14.226	138	81382	8.023	ng		99
54)	2,4-Dinitrophenol	14.362	184	33991	9.977	ng		99
55)	Dibenzofuran	14.585	168	440633	8.450	ng		96
56)	4-Nitrophenol	14.644	139	64392	6.932	ng		97
57)	2,4-Dinitrotoluene	14.602	165	102363	7.289	ng	#	94
58)	Fluorene	15.219	166	361028	8.276	ng		100
59)	2,3,4,6-Tetrachlorophenol	14.849	232	94643	8.257	ng		99
60)	Diethylphthalate	15.008	149	380169	8.226	ng		99
61)	4-Chlorophenyl-phenyle...	15.208	204	175965	8.129	ng		99
62)	4-Nitroaniline	15.407	138	84539	7.490	ng		97
63)	Azobenzene	15.507	77	335969	8.457	ng		100
65)	4,6-Dinitro-2-methylph...	15.343	198	53817	6.476	ng		94
66)	n-Nitrosodiphenylamine	15.460	169	319080	8.508	ng		98
67)	4-Bromophenyl-phenylether	16.095	248	122976	8.266	ng		97
68)	Hexachlorobenzene	16.201	284	155173	7.957	ng		97
69)	Atrazine	16.389	200	118057	10.267	ng		99
70)	Pentachlorophenol	16.606	266	79046	7.042	ng		98
71)	Phenanthrene	16.953	178	598712	8.842	ng		98
72)	Anthracene	17.041	178	553351	8.369	ng		97
73)	Carbazole	17.370	167	564645	8.346	ng		98
74)	Di-n-butylphthalate	17.822	149	668186	8.971	ng		97
75)	Fluoranthene	18.956	202	716842	8.716	ng		97
77)	Benzidine	19.215	184	209796	10.541	ng		99
78)	Pyrene	19.326	202	762072	8.837	ng		96
80)	Butylbenzylphthalate	20.178	149	332749	8.801	ng		98
81)	Benzo(a)anthracene	21.054	228	821327	9.318	ng		96
82)	3,3'-Dichlorobenzidine	21.030	252	303031	8.776	ng		100
83)	Chrysene	21.107	228	789735	9.267	ng		93
84)	Bis(2-ethylhexyl)phtha...	20.883	149	458354	9.126	ng		96
85)	Di-n-octyl phthalate	21.729	149	781966	9.486	ng		100
87)	Indeno(1,2,3-cd)pyrene	25.666	276	1121258	8.829	ng		100
88)	Benzo(b)fluoranthene	22.646	252	870185	8.800	ng		98
89)	Benzo(k)fluoranthene	22.693	252	869558	9.412	ng		97
90)	Benzo(a)pyrene	23.245	252	798264	9.230	ng		98
91)	Dibenzo(a,h)anthracene	25.666	278	935888	8.919	ng		99
92)	Benzo(g,h,i)perylene	26.412	276	864788	7.999	ng		99

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

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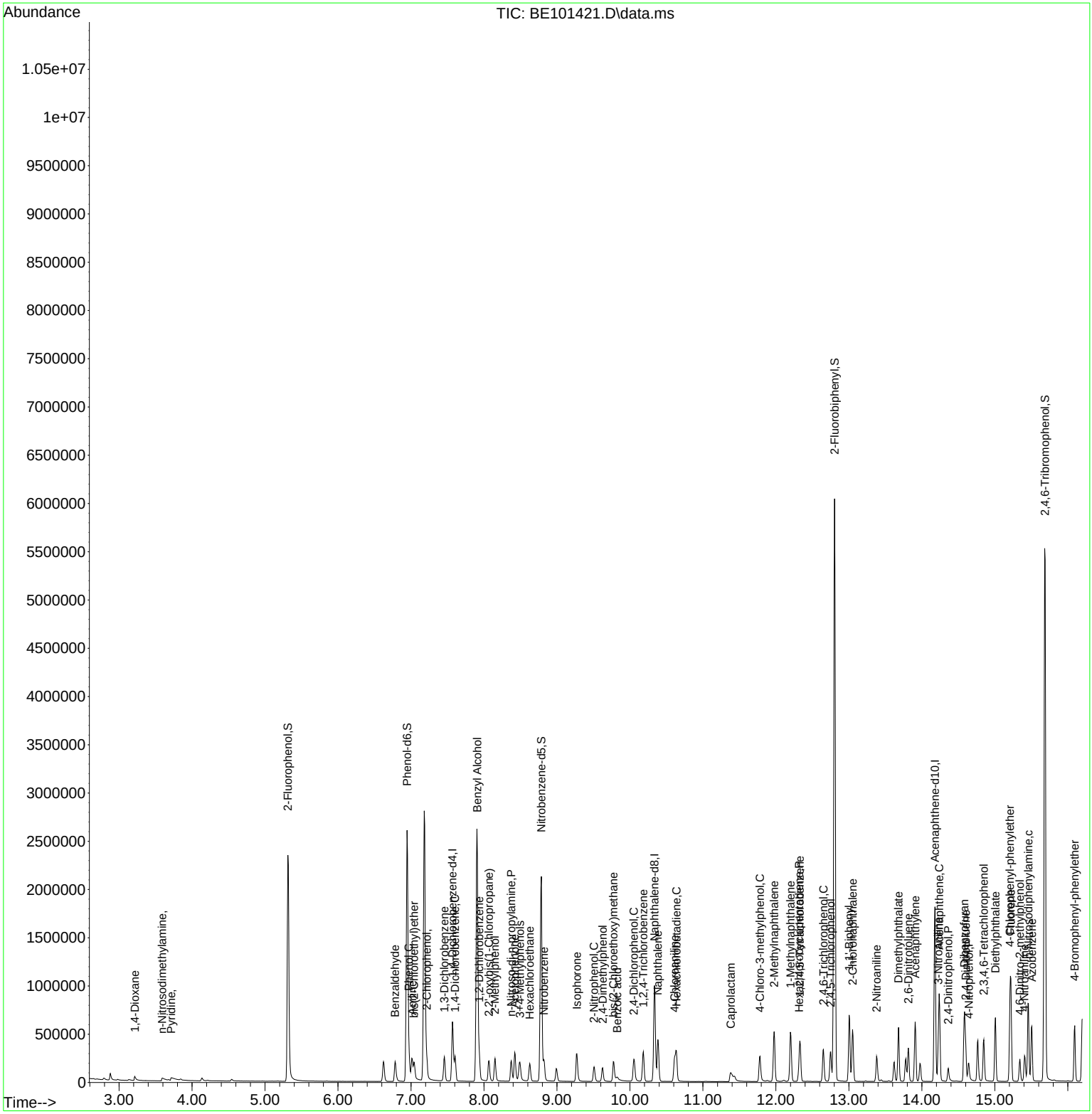

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