Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103124\
Data File : BE101436.D
Acq On : 31 Oct 2024 17:01
Operator : RC/JU
Sample : P4640-01MS 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MH-3MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

Quant Time: Nov 01 06:14:28 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	7.572	152	167058	20.000	ng		0.00
21) Naphthalene-d8	10.339	136	767140	20.000	ng		0.00
39) Acenaphthene-d10	14.182	164	521423	20.000	ng		0.00
64) Phenanthrene-d10	16.920	188	1128586	20.000	ng		0.00
76) Chrysene-d12	21.080	240	1174625	20.000	ng		0.00
86) Perylene-d12	23.377	264	1533850	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.322	112	154153	16.173	ng		0.00
7) Phenol-d6	6.949	99	201520	15.247	ng		0.00
23) Nitrobenzene-d5	8.783	82	123518	10.113	ng		0.00
42) 2,4,6-Tribromophenol	15.686	330	147058	16.091	ng		0.00
45) 2-Fluorobiphenyl	12.801	172	345056	11.207	ng		0.00
79) Terphenyl-d14	19.511	244	672755	13.182	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.218	88	21312	5.995	ng		96
3) Pyridine	3.724	79	41507	4.127	ng		95
4) n-Nitrosodimethylamine	3.589	42	27483	7.062	ng	#	94
6) Aniline	7.026	93	58792m	5.804	ng		
8) 2-Chlorophenol	7.214	128	95964	8.394	ng		97
10) Phenol	6.973	94	122365	8.533	ng		98
11) bis(2-Chloroethyl)ether	7.037	93	95019m	8.077	ng		
12) 1,3-Dichlorobenzene	7.461	146	96682	7.843	ng		100
13) 1,4-Dichlorobenzene	7.607	146	99325	7.890	ng		97
14) 1,2-Dichlorobenzene	7.936	146	99568	8.080	ng		99
15) Benzyl Alcohol	7.925	79	51014	6.475	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.072	45	120875	8.165	ng		97
17) 2-Methylphenol	8.154	107	77625	7.998	ng		98
18) Hexachloroethane	8.630	117	31370	7.631	ng		99
19) n-Nitroso-di-n-propyla...	8.371	70	63594	7.251	ng		98
20) 3+4-Methylphenols	8.495	107	102383	7.642	ng		98
22) Acetophenone	8.424	105	134832	7.741	ng	#	97
24) Nitrobenzene	8.824	77	96374	7.414	ng		98
25) Isophorone	9.270	82	178028	7.470	ng		98
26) 2-Nitrophenol	9.511	139	48192	7.670	ng		97
27) 2,4-Dimethylphenol	9.629	122	78829	9.970	ng		95
28) bis(2-Chloroethoxy)met...	9.775	93	109563	7.580	ng		99
29) 2,4-Dichlorophenol	10.063	162	95758	8.755	ng		99
30) 1,2,4-Trichlorobenzene	10.187	180	97672	8.197	ng		100
31) Naphthalene	10.387	128	327677	8.382	ng		99
32) Benzoic acid	9.834	122	35018	11.784	ng		99
33) 4-Chloroaniline	10.616	127	83571	6.148	ng		98
34) Hexachlorobutadiene	10.633	225	60144	8.527	ng		99
35) Caprolactam	11.385	113	25053	5.975	ng		90
36) 4-Chloro-3-methylphenol	11.791	107	97596	7.837	ng		99
37) 2-Methylnaphthalene	11.979	142	238651	8.474	ng		99
38) 1-Methylnaphthalene	12.202	142	225111	8.008	ng		98
40) 1,2,4,5-Tetrachloroben...	12.337	216	117314	8.962	ng		99
41) Hexachlorocyclopentadiene	12.314	237	11040	2.554	ng		100
43) 2,4,6-Trichlorophenol	12.654	196	81480	9.030	ng		96
44) 2,4,5-Trichlorophenol	12.760	196	87924	8.509	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.007	154	302545	8.469	ng		99
47) 2-Chloronaphthalene	13.054	162	239956	8.502	ng		99
48) 2-Nitroaniline	13.383	65	60156	7.920	ng		96
49) Acenaphthylene	13.912	152	391265	9.374	ng		99
50) Dimethylphthalate	13.683	163	286023	7.771	ng		99
51) 2,6-Dinitrotoluene	13.818	165	59738	7.030	ng		97
52) Acenaphthene	14.241	154	245011	8.990	ng		100
53) 3-Nitroaniline	14.229	138	58582	6.933	ng		99
54) 2,4-Dinitrophenol	14.370	184	4594	6.324	ng	#	82
55) Dibenzofuran	14.587	168	387834	8.928	ng		98
56) 4-Nitrophenol	14.646	139	111309	14.385	ng		96
57) 2,4-Dinitrotoluene	14.605	165	81471	6.964	ng		98
58) Fluorene	15.222	166	317683	8.742	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.852	232	83381	8.733	ng		98
60) Diethylphthalate	15.011	149	303825	7.892	ng		99
61) 4-Chlorophenyl-phenyle...	15.210	204	151083	8.378	ng		99
62) 4-Nitroaniline	15.410	138	60493	6.434	ng		98
63) Azobenzene	15.504	77	277256	8.378	ng		98
66) n-Nitrosodiphenylamine	15.457	169	269327	8.999	ng		99
67) 4-Bromophenyl-phenylether	16.097	248	103980	8.759	ng		97
68) Hexachlorobenzene	16.203	284	135904	8.734	ng		96
69) Atrazine	16.391	200	94928	10.346	ng		100
70) Pentachlorophenol	16.615	266	144298	16.110	ng		97
71) Phenanthrene	16.961	178	604530	11.188	ng		98
72) Anthracene	17.043	178	539034	10.216	ng		98
73) Carbazole	17.378	167	474605	8.791	ng		98
74) Di-n-butylphthalate	17.825	149	573446	9.649	ng		97
75) Fluoranthene	18.965	202	805201	12.269	ng		97
77) Benzidine	19.217	184	189221	12.693	ng		100
78) Pyrene	19.335	202	852516	13.198	ng		96
80) Butylbenzylphthalate	20.187	149	277330	9.793	ng		97
81) Benzo(a)anthracene	21.062	228	772008	11.693	ng		96
82) 3,3'-Dichlorobenzidine	21.033	252	197903	7.652	ng	#	99
83) Chrysene	21.115	228	751212	11.768	ng		95
84) Bis(2-ethylhexyl)phtha...	20.886	149	421512	11.205	ng		98
85) Di-n-octyl phthalate	21.738	149	708732	11.479	ng		98
87) Indeno(1,2,3-cd)pyrene	25.698	276	1039066	10.122	ng		97
88) Benzo(b)fluoranthene	22.660	252	887060	11.097	ng		98
89) Benzo(k)fluoranthene	22.701	252	759417	10.169	ng		98
90) Benzo(a)pyrene	23.266	252	803440	11.493	ng		99
91) Dibenzo(a,h)anthracene	25.692	278	805036	9.491	ng		99
92) Benzo(g,h,i)perylene	26.450	276	801197	9.167	ng		99

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

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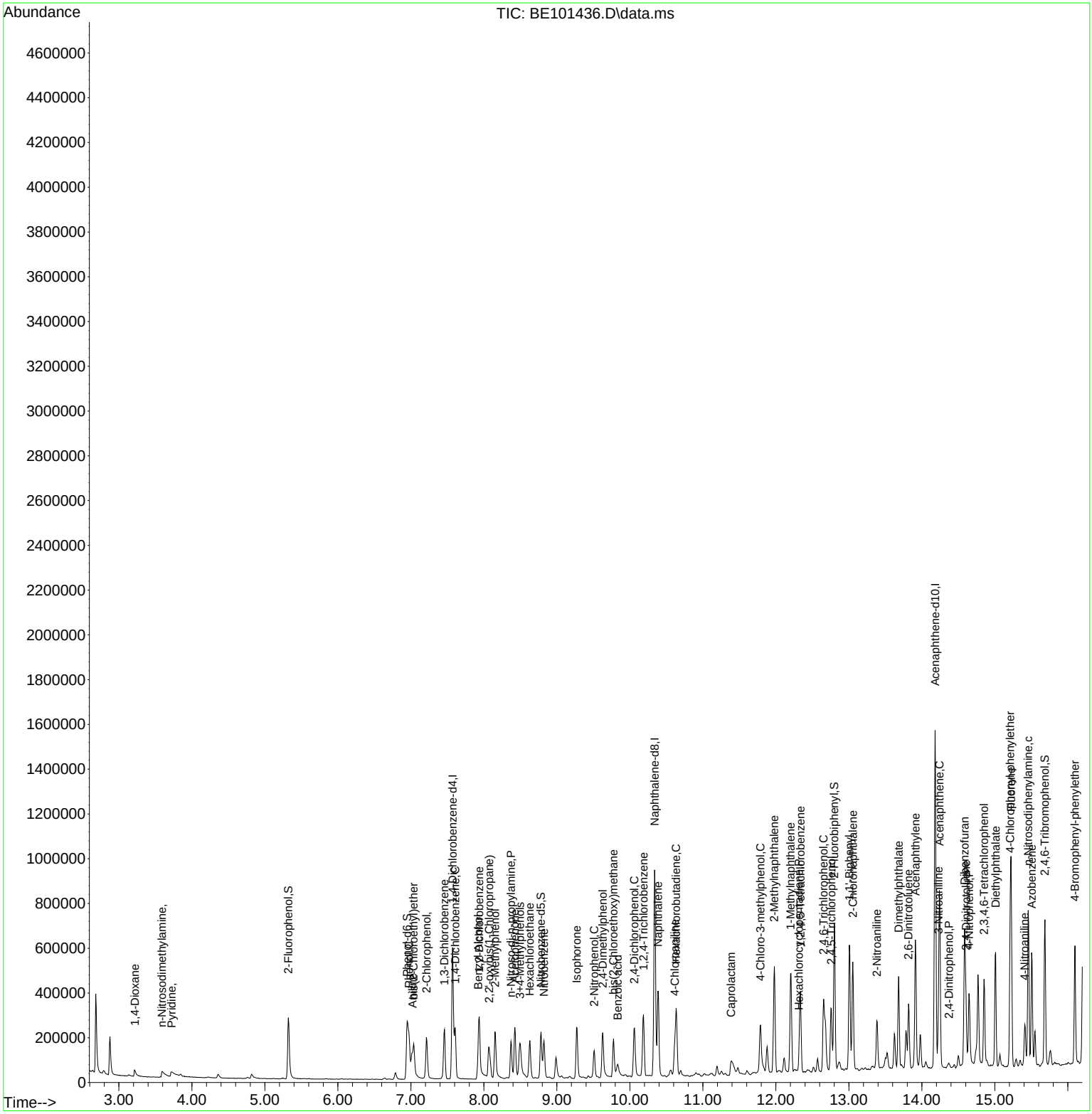

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