Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111124\
Data File : BE101569.D
Acq On : 11 Nov 2024 13:21
Operator : RC/JU
Sample : P4756-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BP-B4MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024

Quant Time: Nov 11 13:01:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 00:01:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.558	152	40526	20.000	ng		0.00
21) Naphthalene-d8	10.326	136	180473	20.000	ng		0.00
39) Acenaphthene-d10	14.168	164	119518	20.000	ng		0.00
64) Phenanthrene-d10	16.906	188	280842	20.000	ng		0.00
76) Chrysene-d12	21.072	240	338384	20.000	ng		0.00
86) Perylene-d12	23.352	264	428684	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.308	112	413905	180.589	ng		0.00
7) Phenol-d6	6.941	99	537426	171.021	ng		0.00
23) Nitrobenzene-d5	8.769	82	324476	113.565	ng		0.00
42) 2,4,6-Tribromophenol	15.678	330	387261	172.195	ng		0.00
45) 2-Fluorobiphenyl	12.793	172	832246	113.698	ng		0.00
79) Terphenyl-d14	19.497	244	1756893	114.928	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.205	88	35999	42.206	ng	#	85
3) Pyridine	3.628	79	87475	36.671	ng		98
4) n-Nitrosodimethylamine	3.539	42	51256	54.262	ng		90
6) Aniline	6.994	93	85113m	36.087	ng		
8) 2-Chlorophenol	7.200	128	150182	55.307	ng		98
9) Benzaldehyde	6.771	77	4749	3.090	ng		96
10) Phenol	6.965	94	196124	57.336	ng		100
11) bis(2-Chloroethyl)ether	7.024	93	133501m	47.146	ng		
12) 1,3-Dichlorobenzene	7.441	146	110484	37.270	ng		98
13) 1,4-Dichlorobenzene	7.588	146	114305	38.068	ng		98
14) 1,2-Dichlorobenzene	7.917	146	114063	38.699	ng		100
15) Benzyl Alcohol	7.893	79	106642	58.095	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.052	45	171309	51.108	ng		96
17) 2-Methylphenol	8.146	107	127705	57.666	ng		98
18) Hexachloroethane	8.610	117	38239	37.710	ng		99
19) n-Nitroso-di-n-propyla...	8.357	70	111220	53.678	ng		98
20) 3+4-Methylphenols	8.481	107	177307	57.743	ng		96
22) Acetophenone	8.410	105	211063	51.641	ng	#	99
24) Nitrobenzene	8.810	77	149742	50.388	ng		98
25) Isophorone	9.256	82	309571	55.675	ng		98
26) 2-Nitrophenol	9.491	139	84629	53.512	ng		97
27) 2,4-Dimethylphenol	9.615	122	131874	72.066	ng		99
28) bis(2-Chloroethoxy)met...	9.756	93	182904	53.738	ng		99
29) 2,4-Dichlorophenol	10.049	162	150406	57.900	ng		98
30) 1,2,4-Trichlorobenzene	10.167	180	121940	42.049	ng		99
31) Naphthalene	10.373	128	434346	47.673	ng		99
32) Benzoic acid	9.897	122	79985	46.953	ng		98
33) 4-Chloroaniline	10.608	127	21820	6.810	ng		95
34) Hexachlorobutadiene	10.619	225	73429	41.082	ng		99
35) Caprolactam	11.389	113	48142m	50.467	ng		
36) 4-Chloro-3-methylphenol	11.783	107	168301	59.330	ng		99
37) 2-Methylnaphthalene	11.965	142	333736	51.572	ng		98
38) 1-Methylnaphthalene	12.188	142	318444	49.344	ng		99
40) 1,2,4,5-Tetrachloroben...	12.323	216	167697	53.219	ng		99
41) Hexachlorocyclopentadiene	12.300	237	197210	214.466	ng		97
43) 2,4,6-Trichlorophenol	12.641	196	134566	62.182	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.752	196	146530	60.778	ng	98
46) 1,1'-Biphenyl	12.993	154	458493	55.614	ng	99
47) 2-Chloronaphthalene	13.040	162	350184	53.854	ng	99
48) 2-Nitroaniline	13.375	65	110281	64.072	ng	98
49) Acenaphthylene	13.898	152	596571	61.566	ng	100
50) Dimethylphthalate	13.675	163	510689	60.004	ng	100
51) 2,6-Dinitrotoluene	13.810	165	111994	57.013	ng	97
52) Acenaphthene	14.233	154	362345	58.599	ng	100
53) 3-Nitroaniline	14.221	138	49863	26.147	ng	98
54) 2,4-Dinitrophenol	14.362	184	161938	140.675	ng	95
55) Dibenzofuran	14.574	168	580604	58.308	ng	100
56) 4-Nitrophenol	14.656	139	212713	135.081	ng	97
57) 2,4-Dinitrotoluene	14.597	165	164121	59.471	ng	99
58) Fluorene	15.214	166	491823	59.184	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.844	232	139809	62.670	ng	99
60) Diethylphthalate	14.997	149	532550	59.345	ng	99
61) 4-Chlorophenyl-phenyle...	15.196	204	242100	57.371	ng	99
62) 4-Nitroaniline	15.414	138	114344	55.653	ng	99
63) Azobenzene	15.496	77	450119	61.482	ng	99
65) 4,6-Dinitro-2-methylph...	15.343	198	106827	64.080	ng	98
66) n-Nitrosodiphenylamine	15.449	169	437660	58.722	ng	99
67) 4-Bromophenyl-phenylether	16.084	248	173590	56.042	ng	99
68) Hexachlorobenzene	16.195	284	226514	55.565	ng	99
69) Atrazine	16.383	200	131220	59.634	ng	98
70) Pentachlorophenol	16.601	266	288200	130.297	ng	98
71) Phenanthrene	16.947	178	829354	60.717	ng	99
72) Anthracene	17.035	178	856902	63.526	ng	100
73) Carbazole	17.364	167	815777	60.307	ng	99
74) Di-n-butylphthalate	17.811	149	1027252	61.494	ng	100
75) Fluoranthene	18.951	202	1061922	60.635	ng	100
77) Benzidine	19.215	184	99989	13.756	ng	99
78) Pyrene	19.321	202	1137934	59.102	ng	100
80) Butylbenzylphthalate	20.173	149	521976	60.327	ng	98
81) Benzo(a)anthracene	21.048	228	1256227	62.509	ng	100
82) 3,3'-Dichlorobenzidine	21.025	252	262654	33.200	ng	99
83) Chrysene	21.107	228	1189426	62.267	ng	99
84) Bis(2-ethylhexyl)phtha...	20.872	149	783036	59.858	ng	99
85) Di-n-octyl phthalate	21.718	149	1384122	62.543	ng	99
87) Indeno(1,2,3-cd)pyrene	25.690	276	1937244	65.760	ng	100
88) Benzo(b)fluoranthene	22.646	252	1416480	60.226	ng	99
89) Benzo(k)fluoranthene	22.693	252	1380393	64.654	ng	100
90) Benzo(a)pyrene	23.246	252	1338779	65.933	ng	99
91) Dibenzo(a,h)anthracene	25.678	278	1606042	65.461	ng	99
92) Benzo(g,h,i)perylene	26.436	276	1461526	58.635	ng	99

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

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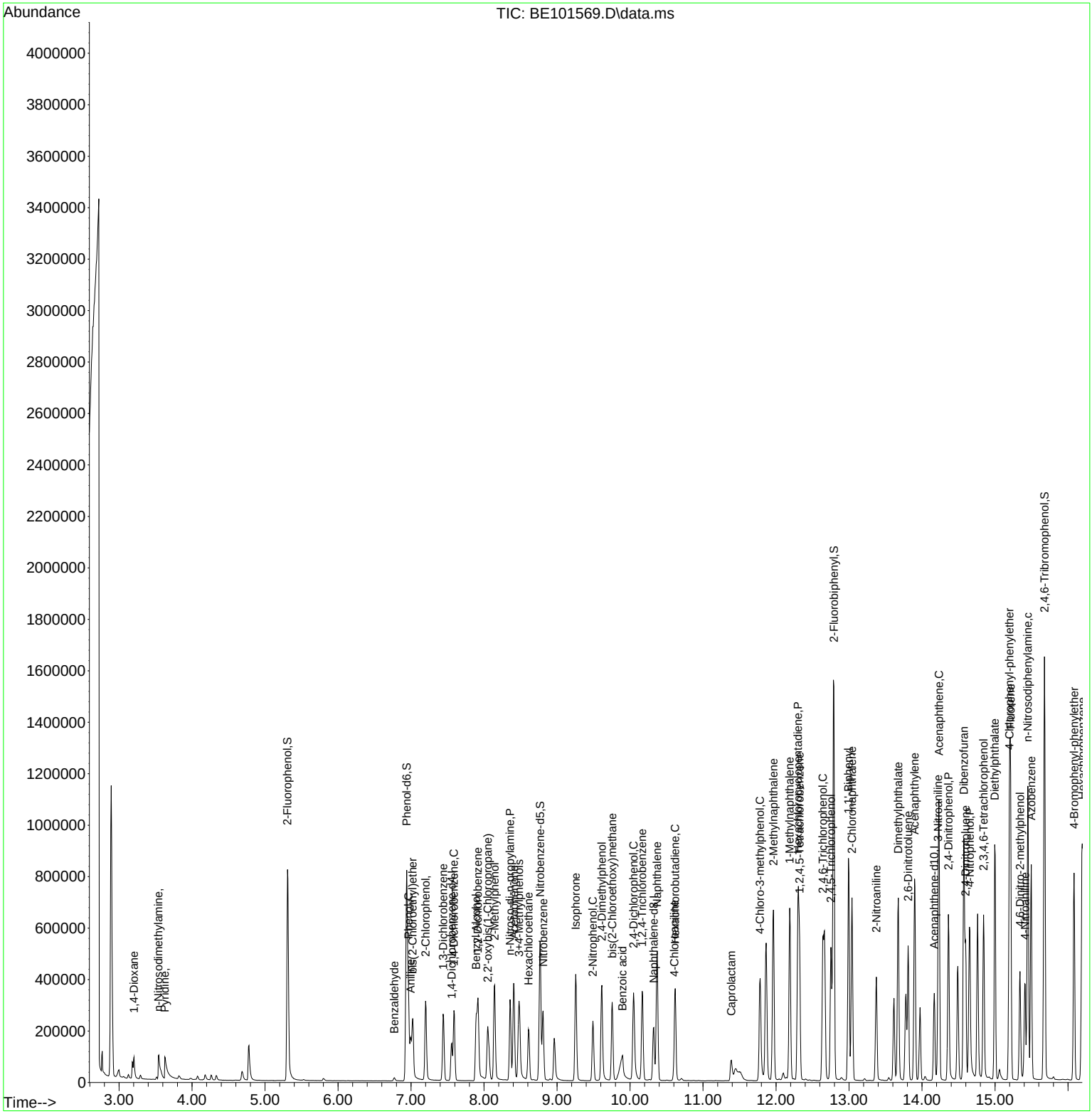

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