Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110824\
Data File : BE101558.D
Acq On : 8 Nov 2024 18:43
Operator : RC/JU
Sample : P4739-04MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
TP-14MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 08 23:48:34 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	43513	20.000	ng		0.00
21) Naphthalene-d8	10.326	136	182419	20.000	ng		0.00
39) Acenaphthene-d10	14.168	164	120731	20.000	ng		0.00
64) Phenanthrene-d10	16.906	188	285084	20.000	ng		0.00
76) Chrysene-d12	21.072	240	361953	20.000	ng		0.00
86) Perylene-d12	23.352	264	460616	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.314	112	431789	175.460	ng		0.00
7) Phenol-d6	6.941	99	525384	155.712	ng		0.00
23) Nitrobenzene-d5	8.769	82	329396	114.058	ng		0.00
42) 2,4,6-Tribromophenol	15.678	330	381819	168.070	ng		0.00
45) 2-Fluorobiphenyl	12.793	172	807756	109.243	ng		0.00
79) Terphenyl-d14	19.503	244	1883502	115.188	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.210	88	47186	51.525	ng	#	86
3) Pyridine	3.634	79	83804	32.721	ng		97
4) n-Nitrosodimethylamine	3.545	42	58524	57.704	ng		94
6) Aniline	7.000	93	118830	46.924	ng		95
8) 2-Chlorophenol	7.206	128	163579	56.106	ng		99
9) Benzaldehyde	6.771	77	13417	8.129	ng		99
10) Phenol	6.965	94	208244	56.700	ng		100
11) bis(2-Chloroethyl)ether	7.024	93	162358m	53.401	ng		
12) 1,3-Dichlorobenzene	7.447	146	159729	50.183	ng		99
13) 1,4-Dichlorobenzene	7.594	146	163569	50.736	ng		98
14) 1,2-Dichlorobenzene	7.923	146	159821	50.502	ng		99
15) Benzyl Alcohol	7.893	79	109117	55.363	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.052	45	197239	54.804	ng		97
17) 2-Methylphenol	8.146	107	130465	54.869	ng		98
18) Hexachloroethane	8.610	117	55226	50.724	ng		97
19) n-Nitroso-di-n-propyla...	8.357	70	114826	51.614	ng		98
20) 3+4-Methylphenols	8.481	107	181414	55.025	ng		98
22) Acetophenone	8.410	105	226147	54.741	ng	#	99
24) Nitrobenzene	8.810	77	164836	54.875	ng		96
25) Isophorone	9.256	82	307350	54.686	ng		98
26) 2-Nitrophenol	9.497	139	91081	56.978	ng		99
27) 2,4-Dimethylphenol	9.615	122	131123	70.891	ng		98
28) bis(2-Chloroethoxy)met...	9.756	93	184706	53.688	ng		99
29) 2,4-Dichlorophenol	10.050	162	154379	58.795	ng		98
30) 1,2,4-Trichlorobenzene	10.173	180	149913	51.144	ng		99
31) Naphthalene	10.373	128	496694	53.934	ng		100
32) Benzoic acid	9.891	122	71239	42.185	ng		99
33) 4-Chloroaniline	10.608	127	31415	9.701	ng		96
34) Hexachlorobutadiene	10.619	225	91507	50.650	ng		98
35) Caprolactam	11.377	113	42496m	44.073	ng		
36) 4-Chloro-3-methylphenol	11.783	107	160083	55.831	ng		99
37) 2-Methylnaphthalene	11.965	142	354486	54.194	ng		99
38) 1-Methylnaphthalene	12.194	142	335487	51.431	ng		100
40) 1,2,4,5-Tetrachloroben...	12.323	216	176384	55.414	ng		99
41) Hexachlorocyclopentadiene	12.300	237	203373	218.946	ng		99
43) 2,4,6-Trichlorophenol	12.646	196	128850	58.943	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.752	196	140570	57.720	ng	98
46) 1,1'-Biphenyl	12.993	154	464074	55.725	ng	100
47) 2-Chloronaphthalene	13.040	162	361296	55.005	ng	99
48) 2-Nitroaniline	13.375	65	107948	62.086	ng	97
49) Acenaphthylene	13.898	152	594230	60.708	ng	99
50) Dimethylphthalate	13.675	163	471736	54.871	ng	100
51) 2,6-Dinitrotoluene	13.810	165	105458	53.146	ng	97
52) Acenaphthene	14.233	154	363003	58.115	ng	99
53) 3-Nitroaniline	14.221	138	69474	36.065	ng	98
54) 2,4-Dinitrophenol	14.362	184	126446	108.740	ng	96
55) Dibenzofuran	14.574	168	575378	57.203	ng	99
56) 4-Nitrophenol	14.650	139	212069	133.319	ng	94
57) 2,4-Dinitrotoluene	14.597	165	156064	55.983	ng	97
58) Fluorene	15.214	166	486333	57.936	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.844	232	137013	60.800	ng	99
60) Diethylphthalate	15.003	149	495556	54.667	ng	100
61) 4-Chlorophenyl-phenyle...	15.196	204	233752	54.836	ng	99
62) 4-Nitroaniline	15.414	138	123240	59.380	ng	98
63) Azobenzene	15.496	77	439464	59.424	ng	99
65) 4,6-Dinitro-2-methylph...	15.343	198	92733	54.798	ng	97
66) n-Nitrosodiphenylamine	15.449	169	431131	56.985	ng	100
67) 4-Bromophenyl-phenylether	16.084	248	167955	53.416	ng	98
68) Hexachlorobenzene	16.195	284	223786	54.079	ng	98
69) Atrazine	16.389	200	163919	73.386	ng	98
70) Pentachlorophenol	16.607	266	280187	124.789	ng	99
71) Phenanthrene	16.947	178	828579	59.758	ng	99
72) Anthracene	17.035	178	852261	62.242	ng	100
73) Carbazole	17.364	167	831608	60.563	ng	100
74) Di-n-butylphthalate	17.811	149	974386	57.461	ng	100
75) Fluoranthene	18.957	202	1084320	60.993	ng	99
77) Benzidine	19.209	184	314471	40.446	ng	99
78) Pyrene	19.327	202	1165998	56.617	ng	100
80) Butylbenzylphthalate	20.173	149	525607	56.791	ng	98
81) Benzo(a)anthracene	21.048	228	1266776	58.929	ng	99
82) 3,3'-Dichlorobenzidine	21.025	252	375992	44.432	ng	99
83) Chrysene	21.107	228	1216349	59.530	ng	99
84) Bis(2-ethylhexyl)phtha...	20.872	149	780612	55.787	ng	99
85) Di-n-octyl phthalate	21.718	149	1370403	57.891	ng	99
87) Indeno(1,2,3-cd)pyrene	25.690	276	1919702	60.647	ng	100
88) Benzo(b)fluoranthene	22.647	252	1451469	57.436	ng	99
89) Benzo(k)fluoranthene	22.694	252	1401038	61.072	ng	100
90) Benzo(a)pyrene	23.252	252	1365269	62.576	ng	99
91) Dibenzo(a,h)anthracene	25.678	278	1597212	60.588	ng	99
92) Benzo(g,h,i)perylene	26.430	276	1429247	53.365	ng	99

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

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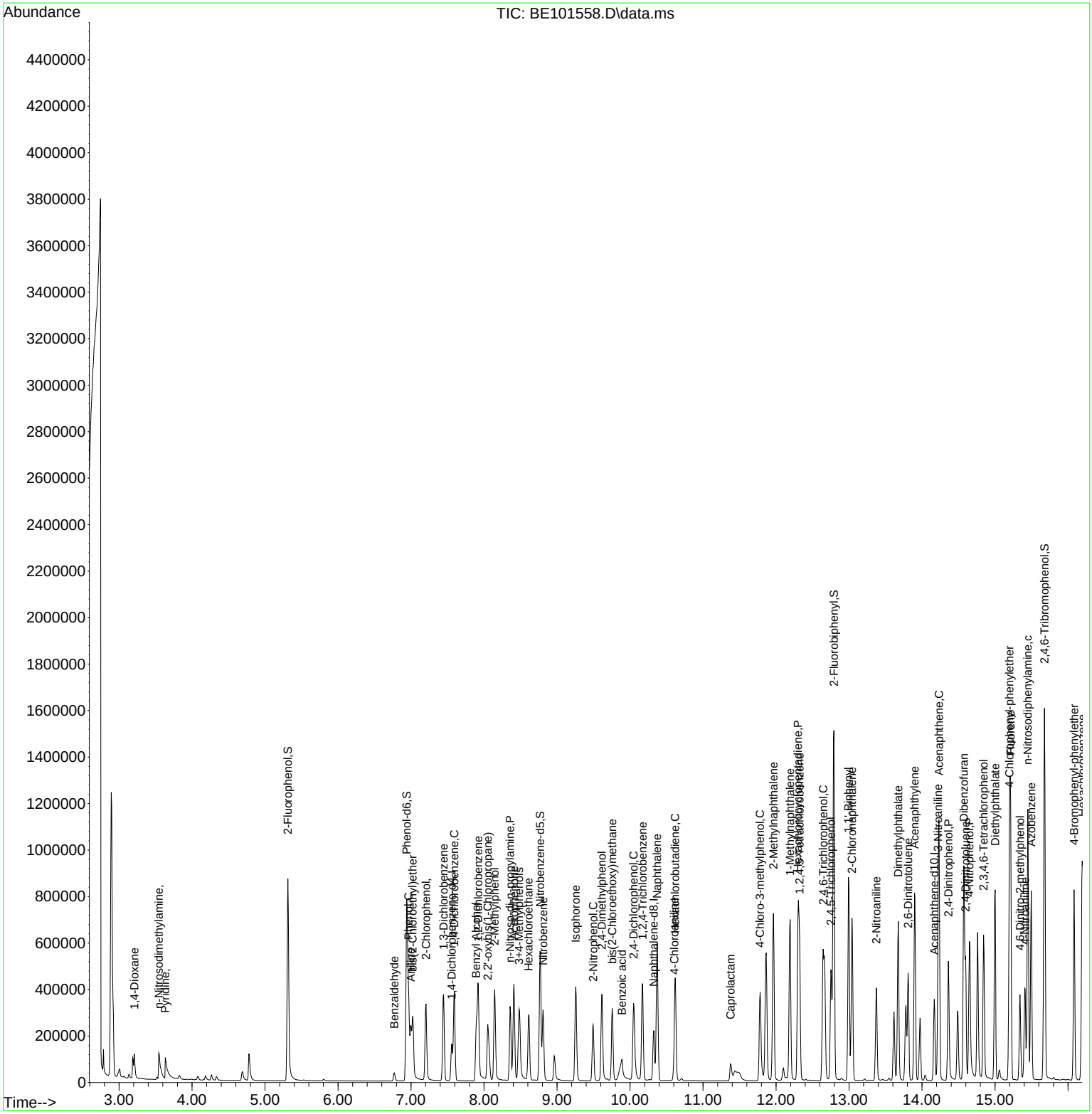

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