Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
Data File : BF140054.D
Acq On : 26 Oct 2024 12:34
Operator : RC/JU
Sample : P4508-09MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-F22MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

Quant Time: Oct 28 01:05:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	149613	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	589034	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	335149	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	594611	20.000	ng		0.00
76) Chrysene-d12	14.057	240	282495	20.000	ng		0.00
86) Perylene-d12	15.533	264	312725	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	889735	93.098	ng		0.02
7) Phenol-d6	6.516	99	1136795	91.841	ng		0.00
23) Nitrobenzene-d5	7.451	82	719520	67.701	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	344493	109.890	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1255858	61.929	ng		0.00
79) Terphenyl-d14	12.998	244	1241337	71.602	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.793	88	180379	40.481	ng		95
3) Pyridine	3.540	79	455950	41.282	ng		97
4) n-Nitrosodimethylamine	3.499	42	250763	42.258	ng		97
6) Aniline	6.551	93	299009	25.920	ng		100
8) 2-Chlorophenol	6.675	128	443813	45.426	ng		97
9) Benzaldehyde	6.440	77	90877	13.051	ng		96
10) Phenol	6.528	94	554083m	43.420	ng		
11) bis(2-Chloroethyl)ether	6.622	93	421537	42.738	ng		99
12) 1,3-Dichlorobenzene	6.834	146	470964	41.993	ng		99
13) 1,4-Dichlorobenzene	6.910	146	478183	42.677	ng		99
14) 1,2-Dichlorobenzene	7.057	146	462426	44.220	ng		98
15) Benzyl Alcohol	7.028	79	414147	45.613	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	691210	41.099	ng		97
17) 2-Methylphenol	7.139	107	369418	44.343	ng		99
18) Hexachloroethane	7.404	117	174624	43.704	ng		96
19) n-Nitroso-di-n-propyla...	7.304	70	327012	43.560	ng		96
20) 3+4-Methylphenols	7.292	107	447301	41.977	ng	#	81
22) Acetophenone	7.298	105	601725	41.707	ng		99
24) Nitrobenzene	7.469	77	484756	41.602	ng		100
25) Isophorone	7.710	82	889990	44.121	ng		99
26) 2-Nitrophenol	7.786	139	231351	52.629	ng		97
27) 2,4-Dimethylphenol	7.822	122	370589	50.558	ng		99
28) bis(2-Chloroethoxy)met...	7.922	93	525721	43.017	ng		100
29) 2,4-Dichlorophenol	8.028	162	370410	44.366	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	383949	41.561	ng		99
31) Naphthalene	8.192	128	1269998	41.805	ng		100
32) Benzoic acid	7.939	122	259080	40.525	ng		97
33) 4-Chloroaniline	8.234	127	81139	7.833	ng		98
34) Hexachlorobutadiene	8.310	225	250687	43.188	ng		99
35) Caprolactam	8.616	113	117806m	44.377	ng		
36) 4-Chloro-3-methylphenol	8.722	107	414670	44.855	ng		99
37) 2-Methylnaphthalene	8.886	142	817791	43.955	ng		99
38) 1-Methylnaphthalene	8.986	142	761621	41.724	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	388997	43.022	ng		99
41) Hexachlorocyclopentadiene	9.039	237	436660	138.794	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	293296	45.817	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	292834	44.338	ng		98
46) 1,1'-Biphenyl	9.351	154	1002450	42.966	ng		99
47) 2-Chloronaphthalene	9.375	162	795518	42.334	ng		99
48) 2-Nitroaniline	9.469	65	273231	47.542	ng		93
49) Acenaphthylene	9.792	152	1250172	46.019	ng		100
50) Dimethylphthalate	9.651	163	946635	45.346	ng		100
51) 2,6-Dinitrotoluene	9.710	165	208987	46.236	ng		99
52) Acenaphthene	9.963	154	855407	48.675	ng		99
53) 3-Nitroaniline	9.875	138	98136	21.054	ng		100
54) 2,4-Dinitrophenol	9.986	184	210385	109.414	ng	#	1
55) Dibenzofuran	10.133	168	1100794	43.657	ng		100
56) 4-Nitrophenol	10.039	139	335038	93.426	ng		97
57) 2,4-Dinitrotoluene	10.116	165	281352	50.617	ng		99
58) Fluorene	10.480	166	827662	43.097	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	243584	47.046	ng		97
60) Diethylphthalate	10.351	149	918781	44.825	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	431623	44.504	ng		99
62) 4-Nitroaniline	10.498	138	203776	46.288	ng		97
63) Azobenzene	10.627	77	1001082	46.069	ng		97
65) 4,6-Dinitro-2-methylph...	10.522	198	150921	62.225	ng		93
66) n-Nitrosodiphenylamine	10.586	169	780591	43.862	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	281354	45.931	ng		97
68) Hexachlorobenzene	11.027	284	308632	44.799	ng		96
69) Atrazine	11.116	200	258486	53.619	ng		99
70) Pentachlorophenol	11.216	266	356651	85.300	ng		99
71) Phenanthrene	11.439	178	1233063	43.902	ng		100
72) Anthracene	11.492	178	1228106	44.815	ng		100
73) Carbazole	11.645	167	1074236	42.150	ng		99
74) Di-n-butylphthalate	11.974	149	1349305	45.824	ng		100
75) Fluoranthene	12.627	202	1149087	40.470	ng		99
77) Benzidine	12.745	184	238617	51.369	ng		100
78) Pyrene	12.857	202	1137794	46.013	ng		100
80) Butylbenzylphthalate	13.474	149	446393	60.214	ng		96
81) Benzo(a)anthracene	14.045	228	848023	46.115	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	131557	24.536	ng		99
83) Chrysene	14.080	228	763112	45.259	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	562025	67.572	ng		100
85) Di-n-octyl phthalate	14.645	149	880674	58.213	ng		97
87) Indeno(1,2,3-cd)pyrene	17.033	276	823978	40.956	ng		98
88) Benzo(b)fluoranthene	15.098	252	773921	40.626	ng		99
89) Benzo(k)fluoranthene	15.127	252	789841	48.076	ng		99
90) Benzo(a)pyrene	15.468	252	755334	48.188	ng		99
91) Dibenzo(a,h)anthracene	17.051	278	686971	40.932	ng		98
92) Benzo(g,h,i)perylene	17.486	276	580505	34.628	ng		98

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

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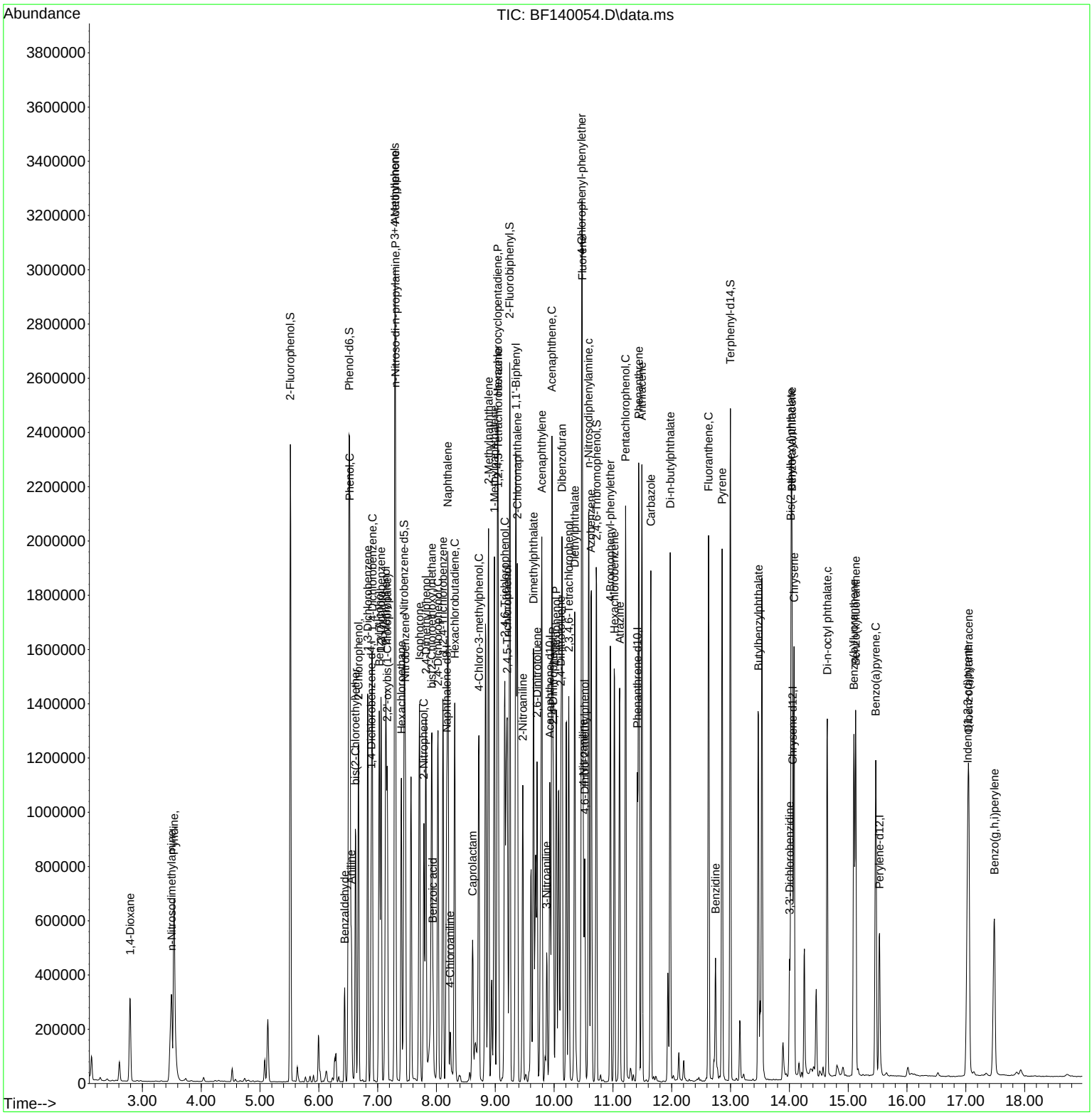
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