Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030725\
Data File : BF141888.D
Acq On : 07 Mar 2025 11:59
Operator : RC/JU
Sample : Q1478-13MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-SO-COMP-022825MSD

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025

Quant Time: Mar 07 12:17:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 28 01:48:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	145924	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	573463	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	303593	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	568957	20.000	ng	0.00
76) Chrysene-d12	14.039	240	412687	20.000	ng	-0.01
86) Perylene-d12	15.509	264	369642	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1188951	130.118	ng	0.02
7) Phenol-d6	6.510	99	1514108	127.309	ng	0.00
23) Nitrobenzene-d5	7.445	82	1018675	113.545	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	583302	204.654	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1965727	103.821	ng	0.00
79) Terphenyl-d14	12.986	244	2284451	89.561	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.822	88	145332	35.053	ng	# 80
3) Pyridine	3.546	79	239986	23.264	ng	95
4) n-Nitrosodimethylamine	3.475	42	171369	34.525	ng	# 98
6) Aniline	6.551	93	153452	12.411	ng	100
8) 2-Chlorophenol	6.669	128	417987	42.287	ng	95
9) Benzaldehyde	6.439	77	91235	13.188	ng	98
10) Phenol	6.522	94	490881	38.625	ng	95
11) bis(2-Chloroethyl)ether	6.622	93	363281	37.500	ng	95
12) 1,3-Dichlorobenzene	6.828	146	355371	33.571	ng	99
13) 1,4-Dichlorobenzene	6.904	146	362700	34.005	ng	99
14) 1,2-Dichlorobenzene	7.051	146	356447	35.789	ng	99
15) Benzyl Alcohol	7.022	79	379624	39.939	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	435876	29.627	ng	94
17) 2-Methylphenol	7.128	107	348794	42.750	ng	98
18) Hexachloroethane	7.398	117	131194	32.863	ng	95
19) n-Nitroso-di-n-propyla...	7.292	70	292851	37.458	ng	97
20) 3+4-Methylphenols	7.281	107	454538	44.740	ng	92
22) Acetophenone	7.292	105	633919	45.388	ng	97
24) Nitrobenzene	7.463	77	430420	44.802	ng	98
25) Isophorone	7.704	82	810074	42.029	ng	98
26) 2-Nitrophenol	7.781	139	219989	50.950	ng	97
27) 2,4-Dimethylphenol	7.810	122	376107	53.085	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	477100	38.804	ng	98
29) 2,4-Dichlorophenol	8.016	162	371450	45.445	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	352226	39.327	ng	98
31) Naphthalene	8.186	128	1167646	39.617	ng	99
32) Benzoic acid	7.910	122	281362	47.647	ng	97
33) 4-Chloroaniline	8.233	127	44524	4.120	ng	98
34) Hexachlorobutadiene	8.304	225	217994	39.168	ng	99
35) Caprolactam	8.592	113	113794m	45.256	ng	
36) 4-Chloro-3-methylphenol	8.710	107	419747	46.229	ng	98
37) 2-Methylnaphthalene	8.875	142	779155	40.304	ng	100
38) 1-Methylnaphthalene	8.975	142	771642	41.599	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	434072	49.506	ng	99
41) Hexachlorocyclopentadiene	9.028	237	523947	143.187	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	289710	51.151	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	304140	54.229	ng		98
46) 1,1'-Biphenyl	9.339	154	1166006	50.458	ng		98
47) 2-Chloronaphthalene	9.363	162	793175	46.505	ng		100
48) 2-Nitroaniline	9.457	65	253809	53.790	ng		96
49) Acenaphthylene	9.780	152	1260858	49.307	ng		100
50) Dimethylphthalate	9.639	163	1002628	49.315	ng		100
51) 2,6-Dinitrotoluene	9.698	165	218602	55.722	ng		95
52) Acenaphthene	9.951	154	918161	53.212	ng		99
53) 3-Nitroaniline	9.863	138	47916	13.818	ng	#	95
54) 2,4-Dinitrophenol	9.975	184	246319	118.427	ng	#	1
55) Dibenzofuran	10.127	168	1111678	44.265	ng		99
56) 4-Nitrophenol	10.022	139	346309	115.329	ng		96
57) 2,4-Dinitrotoluene	10.104	165	289053	59.902	ng		93
58) Fluorene	10.469	166	923723	49.103	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	259346	53.169	ng		99
60) Diethylphthalate	10.339	149	978673	48.017	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	463931	49.222	ng		99
62) 4-Nitroaniline	10.480	138	200872	57.854	ng		96
63) Azobenzene	10.622	77	909432	42.378	ng		97
65) 4,6-Dinitro-2-methylph...	10.510	198	166889	59.870	ng		89
66) n-Nitrosodiphenylamine	10.574	169	791239	42.352	ng		100
67) 4-Bromophenyl-phenylether	10.951	248	296123	44.559	ng		97
68) Hexachlorobenzene	11.016	284	338633	48.255	ng		96
69) Atrazine	11.104	200	298445	58.090	ng		99
70) Pentachlorophenol	11.204	266	445248	100.037	ng		99
71) Phenanthrene	11.427	178	1414386	46.475	ng		99
72) Anthracene	11.480	178	1441729	47.268	ng		100
73) Carbazole	11.633	167	1257282	46.679	ng		100
74) Di-n-butylphthalate	11.963	149	1488257	43.590	ng		99
75) Fluoranthene	12.616	202	1454377	46.638	ng		97
77) Benzidine	12.739	184	80335	15.466	ng	#	79
78) Pyrene	12.845	202	1530210	42.820	ng		99
80) Butylbenzylphthalate	13.463	149	605284	46.619	ng		96
81) Benzo(a)anthracene	14.027	228	1277832	46.878	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	162331	20.757	ng		99
83) Chrysene	14.068	228	1120992	44.612	ng		99
84) Bis(2-ethylhexyl)phtha...	14.021	149	752209	46.528	ng		99
85) Di-n-octyl phthalate	14.633	149	1043087	43.097	ng		96
87) Indeno(1,2,3-cd)pyrene	17.003	276	1232228	52.351	ng		95
88) Benzo(b)fluoranthene	15.080	252	951233	37.779	ng		99
89) Benzo(k)fluoranthene	15.109	252	980242	45.803	ng		98
90) Benzo(a)pyrene	15.451	252	960500	47.566	ng		98
91) Dibenzo(a,h)anthracene	17.021	278	993711	51.721	ng	#	96
92) Benzo(g,h,i)perylene	17.451	276	967540	49.156	ng		96

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

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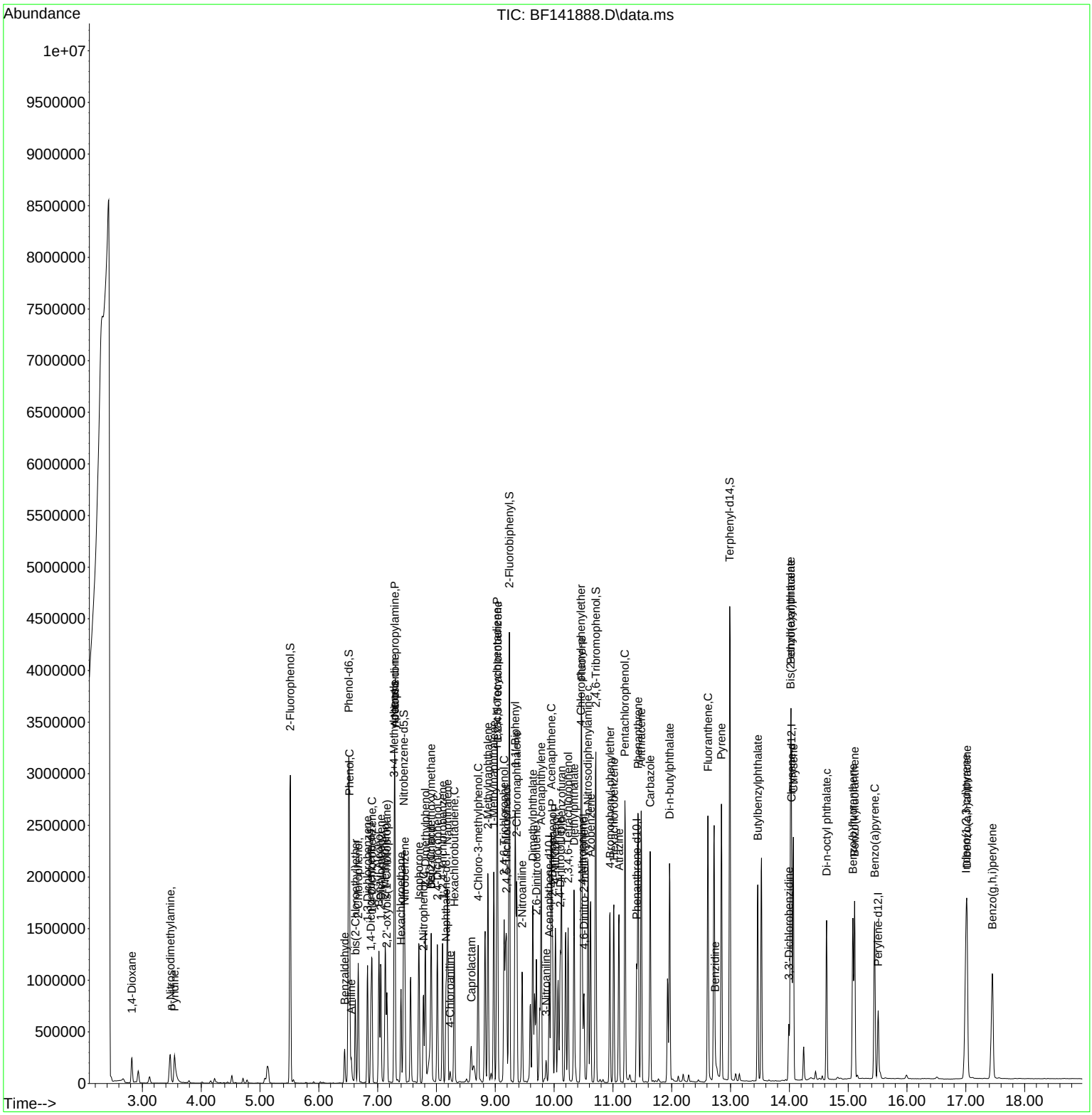
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