Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
Data File : BF142564.D
Acq On : 27 May 2025 16:21
Operator : RC/JU
Sample : Q2127-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

Quant Time: May 27 16:45:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	111340	20.000	ng		0.00
21) Naphthalene-d8	8.187	136	407609	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	195524	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	285016	20.000	ng		0.00
76) Chrysene-d12	14.074	240	232533	20.000	ng	#	0.00
86) Perylene-d12	15.568	264	169340	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	618710	93.621	ng		0.00
7) Phenol-d6	6.528	99	769271	96.700	ng		0.00
23) Nitrobenzene-d5	7.463	82	461608	61.753	ng		-0.01
42) 2,4,6-Tribromophenol	10.733	330	183941	84.763	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	840614	57.691	ng		-0.01
79) Terphenyl-d14	13.010	244	754026	44.312	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	96266	36.402	ng		99
3) Pyridine	3.481	79	265407	39.411	ng		99
4) n-Nitrosodimethylamine	3.434	42	142836	40.850	ng		95
6) Aniline	6.557	93	219901	20.558	ng	#	87
8) 2-Chlorophenol	6.681	128	294537	40.918	ng		98
9) Benzaldehyde	6.445	77	170229	35.577	ng		98
10) Phenol	6.540	94	355963	39.766	ng		99
11) bis(2-Chloroethyl)ether	6.634	93	269055	41.756	ng		99
12) 1,3-Dichlorobenzene	6.840	146	319555	39.784	ng		99
13) 1,4-Dichlorobenzene	6.916	146	323458	39.978	ng		99
14) 1,2-Dichlorobenzene	7.069	146	313029	40.433	ng		99
15) Benzyl Alcohol	7.040	79	241609	41.097	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	441799	40.828	ng		99
17) 2-Methylphenol	7.151	107	228890	40.728	ng		100
18) Hexachloroethane	7.410	117	110960	39.275	ng		98
19) n-Nitroso-di-n-propyla...	7.310	70	194604	39.471	ng		99
20) 3+4-Methylphenols	7.304	107	287167	39.901	ng		94
22) Acetophenone	7.310	105	384196	42.579	ng		100
24) Nitrobenzene	7.481	77	286009	42.423	ng		99
25) Isophorone	7.722	82	518878	41.517	ng		98
26) 2-Nitrophenol	7.798	139	158822	44.088	ng		97
27) 2,4-Dimethylphenol	7.834	122	271876	42.796	ng		100
28) bis(2-Chloroethoxy)met...	7.928	93	330258	42.302	ng		100
29) 2,4-Dichlorophenol	8.039	162	241226	41.753	ng		99
30) 1,2,4-Trichlorobenzene	8.122	180	257199	41.020	ng		97
31) Naphthalene	8.210	128	1289698	64.259	ng		100
32) Benzoic acid	7.945	122	168556	43.586	ng		99
33) 4-Chloroaniline	8.251	127	63174	7.768	ng		100
34) Hexachlorobutadiene	8.322	225	160330	40.952	ng		99
35) Caprolactam	8.622	113	77631	47.842	ng		91
36) 4-Chloro-3-methylphenol	8.734	107	236330	39.914	ng		99
37) 2-Methylnaphthalene	8.898	142	731752	57.952	ng		99
38) 1-Methylnaphthalene	8.998	142	671800	51.436	ng		100
40) 1,2,4,5-Tetrachloroben...	9.063	216	252380	44.966	ng		99
41) Hexachlorocyclopentadiene	9.045	237	116557	30.784	ng		99
43) 2,4,6-Trichlorophenol	9.175	196	163661	43.243	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	173751	43.530	ng	99
46) 1,1'-Biphenyl	9.363	154	738358	48.675	ng	100
47) 2-Chloronaphthalene	9.386	162	481426	42.956	ng	99
48) 2-Nitroaniline	9.481	65	139933	43.196	ng	98
49) Acenaphthylene	9.804	152	839567	44.364	ng	99
50) Dimethylphthalate	9.657	163	584886	45.335	ng	100
51) 2,6-Dinitrotoluene	9.722	165	119757	43.008	ng	98
52) Acenaphthene	9.975	154	660720	57.176	ng	100
53) 3-Nitroaniline	9.886	138	76556	25.172	ng	99
54) 2,4-Dinitrophenol	9.998	184	78955	54.884	ng	97
55) Dibenzofuran	10.145	168	806977	48.528	ng	99
56) 4-Nitrophenol	10.051	139	181954	81.083	ng	99
57) 2,4-Dinitrotoluene	10.128	165	157557	43.327	ng	99
58) Fluorene	10.492	166	662387	51.560	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	132577m	39.787	ng	
60) Diethylphthalate	10.357	149	563439	44.717	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	260456	41.271	ng	98
62) 4-Nitroaniline	10.504	138	94766	34.356	ng	97
63) Azobenzene	10.639	77	525849	46.465	ng	95
65) 4,6-Dinitro-2-methylph...	10.533	198	52218	32.829	ng	96
66) n-Nitrosodiphenylamine	10.598	169	454349	46.595	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	149815	44.454	ng	98
68) Hexachlorobenzene	11.039	284	156885	42.089	ng	98
69) Atrazine	11.128	200	138704	53.562	ng	99
70) Pentachlorophenol	11.233	266	185245	88.026	ng	99
71) Phenanthrene	11.457	178	1342840	88.160	ng	99
72) Anthracene	11.504	178	822432	52.906	ng	99
73) Carbazole	11.657	167	697357	52.474	ng	99
74) Di-n-butylphthalate	11.986	149	798481	54.891	ng	100
75) Fluoranthene	12.645	202	1354952	95.201	ng	97
77) Benzidine	12.763	184	352077	40.687	ng	100
78) Pyrene	12.880	202	1433441	66.082	ng	98
80) Butylbenzylphthalate	13.486	149	343559	57.318	ng	99
81) Benzo(a)anthracene	14.068	228	1082586	69.721	ng	95
82) 3,3'-Dichlorobenzidine	14.027	252	102237	21.708	ng	100
83) Chrysene	14.104	228	909772	65.206	ng	97
84) Bis(2-ethylhexyl)phtha...	14.045	149	516252	67.281	ng	99
85) Di-n-octyl phthalate	14.663	149	828450	55.218	ng	100
87) Indeno(1,2,3-cd)pyrene	17.086	276	559081	43.977	ng	99
88) Benzo(b)fluoranthene	15.133	252	747832	74.617	ng	97
89) Benzo(k)fluoranthene	15.157	252	563910m	60.073	ng	
90) Benzo(a)pyrene	15.510	252	629809	66.667	ng	98
91) Dibenzo(a,h)anthracene	17.104	278	389867	37.811	ng	97
92) Benzo(g,h,i)perylene	17.545	276	469002	45.477	ng	98

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

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