

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
 Data File : BF141573.D
 Acq On : 11 Feb 2025 20:11
 Operator : RC/JU
 Sample : Q1215-03MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-29.1-012825MS

Quant Time: Feb 12 00:08:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel
 02/12/2025

Supervised By :mohammad
 ahmed
 02/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	77607	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	287166	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	145781	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	213944	20.000	ng	0.00
76) Chrysene-d12	13.957	240	166810	20.000	ng	0.00
86) Perylene-d12	15.404	264	163116	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	477086	96.376	ng	0.00
7) Phenol-d6	6.428	99	580198	92.732	ng	-0.01
23) Nitrobenzene-d5	7.351	82	397558	72.209	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	132136	90.230	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	692418	73.176	ng	0.00
79) Terphenyl-d14	12.892	244	583318	59.034	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.557	88	97239	48.806	ng	99
3) Pyridine	3.287	79	206639	43.585	ng	99
4) n-Nitrosodimethylamine	3.234	42	140096	44.627	ng	97
6) Aniline	6.451	93	103301	17.601	ng	# 51
8) 2-Chlorophenol	6.575	128	239596	44.793	ng	100
9) Benzaldehyde	6.339	77	195430	58.779	ng	99
10) Phenol	6.445	94	289881	44.515	ng	85
11) bis(2-Chloroethyl)ether	6.522	93	228943	46.807	ng	99
12) 1,3-Dichlorobenzene	6.728	146	259287	45.916	ng	98
13) 1,4-Dichlorobenzene	6.804	146	265055	45.940	ng	98
14) 1,2-Dichlorobenzene	6.957	146	248283	46.366	ng	100
15) Benzyl Alcohol	6.934	79	207989	43.350	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	376546	44.972	ng	85
17) 2-Methylphenol	7.051	107	187088	44.695	ng	96
18) Hexachloroethane	7.298	117	96008	44.963	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	167693	44.808	ng	100
20) 3+4-Methylphenols	7.204	107	244866	46.031	ng	94
22) Acetophenone	7.198	105	375710	52.595	ng	96
24) Nitrobenzene	7.369	77	248977	46.376	ng	100
25) Isophorone	7.610	82	438930	50.000	ng	98
26) 2-Nitrophenol	7.686	139	125964	47.159	ng	95
27) 2,4-Dimethylphenol	7.728	122	183107	58.682	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	270172	48.029	ng	100
29) 2,4-Dichlorophenol	7.933	162	194999	46.252	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	212812	46.353	ng	100
31) Naphthalene	8.092	128	704051	47.100	ng	100
32) Benzoic acid	7.851	122	136502	42.116	ng	98
33) 4-Chloroaniline	8.151	127	52415	10.043	ng	99
34) Hexachlorobutadiene	8.204	225	136802	49.634	ng	99
35) Caprolactam	8.510	113	65788m	51.251	ng	
36) 4-Chloro-3-methylphenol	8.633	107	204996	43.895	ng	100
37) 2-Methylnaphthalene	8.780	142	434342	44.652	ng	98
38) 1-Methylnaphthalene	8.880	142	412932	43.831	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	228072	54.076	ng	98
41) Hexachlorocyclopentadiene	8.933	237	77126	54.979	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	128073	46.984	ng	100

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44) 2,4,5-Trichlorophenol	9.110	196	135865	45.990	ng	99
46) 1,1'-Biphenyl	9.245	154	609161	53.898	ng	99
47) 2-Chloronaphthalene	9.269	162	408164	48.838	ng	99
48) 2-Nitroaniline	9.369	65	131322	46.820	ng	99
49) Acenaphthylene	9.686	152	603329	48.534	ng	99
50) Dimethylphthalate	9.545	163	482543	48.758	ng	100
51) 2,6-Dinitrotoluene	9.610	165	102238	47.256	ng	99
52) Acenaphthene	9.857	154	401919	48.093	ng	100
53) 3-Nitroaniline	9.780	138	50932	21.873	ng	99
54) 2,4-Dinitrophenol	9.892	184	66715	51.885	ng	92
55) Dibenzofuran	10.027	168	550486	44.876	ng	100
56) 4-Nitrophenol	9.957	139	146759	84.902	ng	95
57) 2,4-Dinitrotoluene	10.016	165	129414	44.933	ng	99
58) Fluorene	10.374	166	430766	45.417	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	106602	41.913	ng	95
60) Diethylphthalate	10.245	149	451106	46.328	ng	100
61) 4-Chlorophenyl-phenyle...	10.363	204	209301	45.869	ng	99
62) 4-Nitroaniline	10.392	138	83129	35.158	ng	99
63) Azobenzene	10.522	77	453856	46.886	ng	97
65) 4,6-Dinitro-2-methylph...	10.427	198	46539	31.315	ng	93
66) n-Nitrosodiphenylamine	10.480	169	365475	53.365	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	122445	51.209	ng	99
68) Hexachlorobenzene	10.922	284	123400	50.118	ng	99
69) Atrazine	11.010	200	135307	65.856	ng	99
70) Pentachlorophenol	11.122	266	130475	82.874	ng	99
71) Phenanthrene	11.333	178	836700	71.047	ng	100
72) Anthracene	11.386	178	630026	53.219	ng	100
73) Carbazole	11.545	167	499177	46.862	ng	100
74) Di-n-butylphthalate	11.874	149	628802	51.124	ng	100
75) Fluoranthene	12.527	202	1086850	87.049	ng	99
77) Benzidine	12.645	184	130042	35.348	ng	99
78) Pyrene	12.757	202	1108693	78.077	ng	100
80) Butylbenzylphthalate	13.368	149	244644	49.740	ng	99
81) Benzo(a)anthracene	13.945	228	837812	75.557	ng	98
82) 3,3'-Dichlorobenzidine	13.904	252	102012	32.116	ng	99
83) Chrysene	13.980	228	709686	69.316	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	330164	59.518	ng	99
85) Di-n-octyl phthalate	14.545	149	564735	71.362	ng	99
87) Indeno(1,2,3-cd)pyrene	16.851	276	505098	50.115	ng	99
88) Benzo(b)fluoranthene	14.992	252	846904	77.326	ng	99
89) Benzo(k)fluoranthene	15.015	252	537534m	57.475	ng	
90) Benzo(a)pyrene	15.345	252	660314	74.508	ng	98
91) Dibenzo(a,h)anthracene	16.862	278	349535	42.800	ng	99
92) Benzo(g,h,i)perylene	17.280	276	399380	46.732	ng	99

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

