

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072424\
 Data File : BF138636.D
 Acq On : 24 Jul 2024 13:02
 Operator : RC/JU
 Sample : PB162224BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162224BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 24 13:30:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	82445	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	340645	20.000	ng	-0.02
39) Acenaphthene-d10	9.892	164	189271	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	330092	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	147111	20.000	ng	-0.02
86) Perylene-d12	15.468	264	170250	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	652454	125.335	ng	0.00
7) Phenol-d6	6.498	99	874832	126.328	ng	0.00
23) Nitrobenzene-d5	7.422	82	575995	83.019	ng	-0.01
42) 2,4,6-Tribromophenol	10.681	330	228976	129.443	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	996402	82.278	ng	-0.02
79) Terphenyl-d14	12.957	244	984044	108.974	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.705	88	82227	35.665	ng	96
3) Pyridine	3.457	79	217432	38.242	ng	95
4) n-Nitrosodimethylamine	3.416	42	164844	44.538	ng	93
6) Aniline	6.516	93	223704	34.489	ng	# 30
8) 2-Chlorophenol	6.640	128	264079	47.976	ng	98
9) Benzaldehyde	6.404	77	21712	5.858	ng	96
10) Phenol	6.510	94	341512	46.461	ng	87
11) bis(2-Chloroethyl)ether	6.593	93	262001	47.342	ng	97
12) 1,3-Dichlorobenzene	6.793	146	270158	43.664	ng	98
13) 1,4-Dichlorobenzene	6.869	146	274297	43.657	ng	98
14) 1,2-Dichlorobenzene	7.022	146	265621	45.391	ng	98
15) Benzyl Alcohol	6.998	79	247514	47.626	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	466603	42.873	ng	64
17) 2-Methylphenol	7.110	107	211587	46.902	ng	94
18) Hexachloroethane	7.363	117	104557	45.267	ng	96
19) n-Nitroso-di-n-propyla...	7.269	70	203698	47.604	ng	94
20) 3+4-Methylphenols	7.263	107	267974	47.172	ng	92
22) Acetophenone	7.263	105	344220	41.606	ng	99
24) Nitrobenzene	7.440	77	306843	43.520	ng	97
25) Isophorone	7.675	82	550926	46.239	ng	100
26) 2-Nitrophenol	7.751	139	141525	46.833	ng	95
27) 2,4-Dimethylphenol	7.792	122	180279m	48.539	ng	
28) bis(2-Chloroethoxy)met...	7.887	93	324358	45.551	ng	99
29) 2,4-Dichlorophenol	7.998	162	212500	44.059	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	230720	41.064	ng	99
31) Naphthalene	8.157	128	773161	43.641	ng	99
32) Benzoic acid	7.928	122	123211	34.782	ng	95
33) 4-Chloroaniline	8.204	127	134207	21.590	ng	99
34) Hexachlorobutadiene	8.269	225	137167	39.645	ng	99
35) Caprolactam	8.581	113	66715m	42.866	ng	
36) 4-Chloro-3-methylphenol	8.698	107	248586	46.038	ng	99
37) 2-Methylnaphthalene	8.845	142	496594	43.557	ng	100
38) 1-Methylnaphthalene	8.945	142	463328	41.641	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	207896	39.411	ng	98
41) Hexachlorocyclopentadiene	8.998	237	192020	112.148	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	143221	42.563	ng	99

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44) 2,4,5-Trichlorophenol	9.175	196	152942	41.325	ng	# 94
46) 1,1'-Biphenyl	9.310	154	587554	40.962	ng	99
47) 2-Chloronaphthalene	9.339	162	460205	42.469	ng	99
48) 2-Nitroaniline	9.439	65	176471	46.996	ng	97
49) Acenaphthylene	9.751	152	741553	48.201	ng	99
50) Dimethylphthalate	9.616	163	569893	46.565	ng	99
51) 2,6-Dinitrotoluene	9.681	165	124199	44.075	ng	91
52) Acenaphthene	9.928	154	451959	44.194	ng	99
53) 3-Nitroaniline	9.845	138	79636	27.573	ng	91
54) 2,4-Dinitrophenol	9.957	184	126250	83.277	ng	95
55) Dibenzofuran	10.098	168	662742	44.679	ng	99
56) 4-Nitrophenol	10.022	139	175290	82.255	ng	99
57) 2,4-Dinitrotoluene	10.086	165	166998	45.803	ng	93
58) Fluorene	10.439	166	522429	44.512	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	132004	45.194	ng	97
60) Diethylphthalate	10.316	149	547688	46.420	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	256688	43.554	ng	93
62) 4-Nitroaniline	10.463	138	123582	42.700	ng	99
63) Azobenzene	10.592	77	600010	47.301	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	94267	49.459	ng	79
66) n-Nitrosodiphenylamine	10.551	169	464986	47.017	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	152891	45.064	ng	97
68) Hexachlorobenzene	10.986	284	168708	44.761	ng	95
69) Atrazine	11.075	200	143136	43.653	ng	97
70) Pentachlorophenol	11.181	266	172240	77.229	ng	97
71) Phenanthrene	11.404	178	775604	46.509	ng	100
72) Anthracene	11.451	178	788166	47.611	ng	99
73) Carbazole	11.610	167	665995	44.768	ng	99
74) Di-n-butylphthalate	11.933	149	836790	48.798	ng	99
75) Fluoranthene	12.586	202	735602	43.228	ng	98
77) Benzidine	12.704	184	103856	27.982	ng	97
78) Pyrene	12.816	202	731075	48.955	ng	100
80) Butylbenzylphthalate	13.427	149	244304	54.382	ng	97
81) Benzo(a)anthracene	13.998	228	463979	47.003	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	84937	33.393	ng	98
83) Chrysene	14.039	228	436616	46.756	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	284541	59.389	ng	98
85) Di-n-octyl phthalate	14.592	149	467592	61.778	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	557694	48.768	ng	99
88) Benzo(b)fluoranthene	15.045	252	480748	50.141	ng	99
89) Benzo(k)fluoranthene	15.074	252	367603	39.311	ng	99
90) Benzo(a)pyrene	15.410	252	411643	48.873	ng	99
91) Dibenzo(a,h)anthracene	16.957	278	447707	47.860	ng	99
92) Benzo(g,h,i)perylene	17.386	276	433998	43.752	ng	97

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

