

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
 Data File : BF137979.D
 Acq On : 21 May 2024 15:38
 Operator : CG\JU
 Sample : P2500-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-112-SB02MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
 Supervised By :mohammad ahmed 05/24/2024

Quant Time: May 21 15:59:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	116614	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	444728	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	241401	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	403459	20.000	ng	0.00
76) Chrysene-d12	14.233	240	321245	20.000	ng	0.00
86) Perylene-d12	15.792	264	335088	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	685668	99.877	ng	0.00
7) Phenol-d6	6.645	99	840526	99.391	ng	-0.01
23) Nitrobenzene-d5	7.592	82	506196	66.984	ng	-0.02
42) 2,4,6-Tribromophenol	10.874	330	264851	108.811	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1080861	68.970	ng	0.00
79) Terphenyl-d14	13.163	244	1203499	55.214	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.940	88	109898	36.953	ng	98
3) Pyridine	3.716	79	258978	38.809	ng	99
4) n-Nitrosodimethylamine	3.675	42	134011	45.522	ng	# 97
6) Aniline	6.692	93	315446m	41.704	ng	
8) 2-Chlorophenol	6.816	128	351105	47.259	ng	99
9) Benzaldehyde	6.587	77	72346	15.812	ng	97
10) Phenol	6.663	94	393754	46.129	ng	95
11) bis(2-Chloroethyl)ether	6.763	93	303816	46.356	ng	100
12) 1,3-Dichlorobenzene	6.975	146	371737	43.246	ng	98
13) 1,4-Dichlorobenzene	7.051	146	375521	43.523	ng	100
14) 1,2-Dichlorobenzene	7.204	146	363313	44.740	ng	98
15) Benzyl Alcohol	7.169	79	278534	49.324	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.292	45	383182	47.563	ng	98
17) 2-Methylphenol	7.269	107	271620	45.844	ng	98
18) Hexachloroethane	7.545	117	129297	44.284	ng	96
19) n-Nitroso-di-n-propyla...	7.439	70	220918	46.498	ng	97
20) 3+4-Methylphenols	7.422	107	353350	45.523	ng	96
22) Acetophenone	7.439	105	467709	46.946	ng	98
24) Nitrobenzene	7.616	77	334355	43.614	ng	99
25) Isophorone	7.851	82	607430	46.314	ng	96
26) 2-Nitrophenol	7.928	139	183702	47.690	ng	97
27) 2,4-Dimethylphenol	7.957	122	245792	49.561	ng	99
28) bis(2-Chloroethoxy)met...	8.057	93	368223	46.323	ng	99
29) 2,4-Dichlorophenol	8.169	162	287937	46.170	ng	97
30) 1,2,4-Trichlorobenzene	8.257	180	310883	44.647	ng	99
31) Naphthalene	8.339	128	1003699	44.886	ng	99
32) Benzoic acid	8.057	122	189061	45.097	ng	95
33) 4-Chloroaniline	8.380	127	201154	27.441	ng	100
34) Hexachlorobutadiene	8.451	225	192236	43.617	ng	99
35) Caprolactam	8.751	113	86705m	47.988	ng	
36) 4-Chloro-3-methylphenol	8.857	107	293901	46.326	ng	98
37) 2-Methylnaphthalene	9.033	142	655385	45.596	ng	98
38) 1-Methylnaphthalene	9.133	142	600724	42.512	ng	99
40) 1,2,4,5-Tetrachloroben...	9.198	216	313493	47.768	ng	99
41) Hexachlorocyclopentadiene	9.180	237	342893	137.504	ng	98
43) 2,4,6-Trichlorophenol	9.304	196	209410	48.666	ng	98

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44) 2,4,5-Trichlorophenol	9.345	196	221713	47.090	ng	96
46) 1,1'-Biphenyl	9.498	154	802023	47.368	ng	99
47) 2-Chloronaphthalene	9.527	162	611643	45.254	ng	100
48) 2-Nitroaniline	9.616	65	165037	47.684	ng	98
49) Acenaphthylene	9.945	152	976722	50.258	ng	99
50) Dimethylphthalate	9.792	163	728008	48.092	ng	100
51) 2,6-Dinitrotoluene	9.857	165	158858	45.724	ng	98
52) Acenaphthene	10.116	154	637075	49.598	ng	99
53) 3-Nitroaniline	10.027	138	129773	38.208	ng	100
54) 2,4-Dinitrophenol	10.133	184	151007	80.413	ng	# 85
55) Dibenzofuran	10.292	168	874947	46.805	ng	98
56) 4-Nitrophenol	10.180	139	261832	107.331	ng	97
57) 2,4-Dinitrotoluene	10.263	165	213586	47.553	ng	91
58) Fluorene	10.633	166	679170	45.934	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.404	232	182140	49.244	ng	98
60) Diethylphthalate	10.498	149	681267	48.188	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	338985	46.489	ng	96
62) 4-Nitroaniline	10.651	138	165174	51.272	ng	95
63) Azobenzene	10.780	77	616498	47.941	ng	98
65) 4,6-Dinitro-2-methylph...	10.669	198	108623	46.627	ng	90
66) n-Nitrosodiphenylamine	10.739	169	597263	48.272	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	212557	48.057	ng	95
68) Hexachlorobenzene	11.180	284	223635	45.741	ng	# 94
69) Atrazine	11.263	200	197468	58.447	ng	100
70) Pentachlorophenol	11.374	266	275883	96.330	ng	99
71) Phenanthrene	11.604	178	947244	47.643	ng	100
72) Anthracene	11.657	178	979272	49.642	ng	99
73) Carbazole	11.804	167	877398	48.690	ng	99
74) Di-n-butylphthalate	12.127	149	1055349	52.771	ng	100
75) Fluoranthene	12.798	202	1007962	49.947	ng	100
77) Benzidine	12.916	184	349883	83.339	ng	99
78) Pyrene	13.027	202	1040687	37.039	ng	99
80) Butylbenzylphthalate	13.633	149	439351	51.841	ng	99
81) Benzo(a)anthracene	14.221	228	1017674	50.073	ng	99
82) 3,3'-Dichlorobenzidine	14.174	252	275990	49.001	ng	100
83) Chrysene	14.257	228	933127	48.007	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	634709	59.577	ng	98
85) Di-n-octyl phthalate	14.815	149	1079507	75.006	ng	99
87) Indeno(1,2,3-cd)pyrene	17.421	276	856844	39.801	ng	100
88) Benzo(b)fluoranthene	15.321	252	995246	51.297	ng	100
89) Benzo(k)fluoranthene	15.357	252	912245	47.861	ng	99
90) Benzo(a)pyrene	15.727	252	854216	51.561	ng	99
91) Dibenzo(a,h)anthracene	17.439	278	709990	39.916	ng	98
92) Benzo(g,h,i)perylene	17.915	276	588807	31.512	ng	99

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

