

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
 Data File : BF137817.D
 Acq On : 02 May 2024 16:15
 Operator : CG\JU
 Sample : P2322-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEMAREST-MSMSD

Quant Time: May 02 17:11:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/03/2024
 Supervised By :mohammad ahmed 05/03/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	143779	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	883424	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	529206	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	576511	20.000	ng	# 0.00
76) Chrysene-d12	14.251	240	304625	20.000	ng	0.00
86) Perylene-d12	15.821	264	310304	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1002490	116.739	ng	0.01
7) Phenol-d6	6.675	99	1247766	114.554	ng	0.00
23) Nitrobenzene-d5	7.622	82	782427	51.456	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	589022	109.011	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2310457	70.831	ng	0.00
79) Terphenyl-d14	13.186	244	1784090	98.150	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.010	88	194856	50.389	ng	99
3) Pyridine	3.769	79	519067	55.461	ng	97
4) n-Nitrosodimethylamine	3.728	42	277994	65.962	ng	99
6) Aniline	6.722	93	482174	44.662	ng	97
8) 2-Chlorophenol	6.839	128	441228	47.147	ng	98
9) Benzaldehyde	6.610	77	212402	36.210	ng	96
10) Phenol	6.692	94	503498	45.112	ng	99
11) bis(2-Chloroethyl)ether	6.787	93	384008	43.941	ng	98
12) 1,3-Dichlorobenzene	6.998	146	455748	43.185	ng	99
13) 1,4-Dichlorobenzene	7.075	146	471156	44.494	ng	100
14) 1,2-Dichlorobenzene	7.228	146	444087	44.526	ng	98
15) Benzyl Alcohol	7.192	79	362748	48.157	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.322	45	501435	40.821	ng	96
17) 2-Methylphenol	7.298	107	355387	47.062	ng	98
18) Hexachloroethane	7.575	117	162032	45.262	ng	96
19) n-Nitroso-di-n-propyla...	7.463	70	286891	44.073	ng	98
20) 3+4-Methylphenols	7.451	107	452727	45.569	ng	89
22) Acetophenone	7.463	105	597640	30.080	ng	99
24) Nitrobenzene	7.639	77	440933	28.136	ng	97
25) Isophorone	7.875	82	807864	29.467	ng	99
26) 2-Nitrophenol	7.957	139	242184	34.126	ng	98
27) 2,4-Dimethylphenol	7.981	122	332267	32.521	ng	95
28) bis(2-Chloroethoxy)met...	8.081	93	477139	28.744	ng	100
29) 2,4-Dichlorophenol	8.192	162	575028	46.564	ng	100
30) 1,2,4-Trichlorobenzene	8.281	180	583248	43.324	ng	99
31) Naphthalene	8.363	128	1939554	44.179	ng	99
32) Benzoic acid	8.092	122	282721	32.076	ng	96
33) 4-Chloroaniline	8.404	127	503143	30.906	ng	99
34) Hexachlorobutadiene	8.475	225	353924	42.820	ng	99
35) Caprolactam	8.781	113	199866m	51.080	ng	
36) 4-Chloro-3-methylphenol	8.880	107	604584	46.946	ng	95
37) 2-Methylnaphthalene	9.057	142	1176414	41.396	ng	99
38) 1-Methylnaphthalene	9.157	142	1159316	41.466	ng	99
40) 1,2,4,5-Tetrachloroben...	9.222	216	594534	42.417	ng	99
41) Hexachlorocyclopentadiene	9.204	237	586178	102.963	ng	98
43) 2,4,6-Trichlorophenol	9.328	196	419208	43.938	ng	99

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44) 2,4,5-Trichlorophenol	9.369	196	462801	43.930	ng	97
46) 1,1'-Biphenyl	9.522	154	1474054	40.587	ng	99
47) 2-Chloronaphthalene	9.551	162	1148065	39.154	ng	99
48) 2-Nitroaniline	9.639	65	370024	46.531	ng	99
49) Acenaphthylene	9.969	152	1992244	46.969	ng	99
50) Dimethylphthalate	9.822	163	1432009	42.864	ng	99
51) 2,6-Dinitrotoluene	9.880	165	349538	45.782	ng	99
52) Acenaphthene	10.139	154	1383768	49.218	ng	99
53) 3-Nitroaniline	10.057	138	289168	36.168	ng	99
54) 2,4-Dinitrophenol	10.157	184	411309	109.641	ng	# 90
55) Dibenzofuran	10.316	168	1836342	44.883	ng	98
56) 4-Nitrophenol	10.210	139	532270	80.324	ng	98
57) 2,4-Dinitrotoluene	10.292	165	481500	48.274	ng	88
58) Fluorene	10.657	166	1364194	41.896	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.427	232	397970	46.530	ng	99
60) Diethylphthalate	10.522	149	1365418	43.033	ng	99
61) 4-Chlorophenyl-phenyle...	10.645	204	650923	40.571	ng	100
62) 4-Nitroaniline	10.675	138	314110	38.733	ng	95
63) Azobenzene	10.804	77	1397595	45.574	ng	99
65) 4,6-Dinitro-2-methylph...	10.698	198	261338	78.978	ng	87
66) n-Nitrosodiphenylamine	10.763	169	1145063	66.353	ng	100
67) 4-Bromophenyl-phenylether	11.139	248	292160	47.352	ng	98
68) Hexachlorobenzene	11.204	284	315418	46.780	ng	99
69) Atrazine	11.286	200	284703	54.106	ng	96
70) Pentachlorophenol	11.398	266	401942	86.830	ng	99
71) Phenanthrene	11.627	178	1336004	47.544	ng	99
72) Anthracene	11.680	178	1356766	48.526	ng	100
73) Carbazole	11.833	167	1194793	44.341	ng	99
74) Di-n-butylphthalate	12.151	149	1493069	50.796	ng	99
75) Fluoranthene	12.821	202	1306564	42.536	ng	98
77) Benzidine	12.939	184	514119	72.974	ng	98
78) Pyrene	13.051	202	1296482	53.678	ng	99
80) Butylbenzylphthalate	13.657	149	518963	67.720	ng	98
81) Benzo(a)anthracene	14.239	228	969497	49.760	ng	98
82) 3,3'-Dichlorobenzidine	14.198	252	240261	41.192	ng	100
83) Chrysene	14.280	228	899052	49.282	ng	99
84) Bis(2-ethylhexyl)phtha...	14.210	149	684494	70.873	ng	100
85) Di-n-octyl phthalate	14.839	149	986297	75.882	ng	98
87) Indeno(1,2,3-cd)pyrene	17.468	276	938713	53.210	ng	98
88) Benzo(b)fluoranthene	15.351	252	872961	45.216	ng	99
89) Benzo(k)fluoranthene	15.386	252	794695	42.588	ng	98
90) Benzo(a)pyrene	15.757	252	785768	49.888	ng	100
91) Dibenzo(a,h)anthracene	17.492	278	753458	52.470	ng	99
92) Benzo(g,h,i)perylene	17.974	276	716693	47.609	ng	98

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

