

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
 Data File : BF137816.D
 Acq On : 02 May 2024 15:45
 Operator : CG\JU
 Sample : P2322-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEMAREST-MSMS

Quant Time: May 02 16:25:25 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	150603	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	596286	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	484769	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	725570	20.000	ng	0.00
76) Chrysene-d12	14.251	240	254457	20.000	ng	0.00
86) Perylene-d12	15.821	264	320443	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	996216	110.752	ng	0.01
7) Phenol-d6	6.675	99	1226556	107.505	ng	0.00
23) Nitrobenzene-d5	7.622	82	767246	74.755	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	553877	111.903	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	1588651	53.167	ng	0.00
79) Terphenyl-d14	13.186	244	1825959	120.258	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.034	88	202275	49.938	ng	99
3) Pyridine	3.787	79	505265	51.540	ng	97
4) n-Nitrosodimethylamine	3.746	42	257672	58.370	ng	97
6) Aniline	6.722	93	462227	40.875	ng	98
8) 2-Chlorophenol	6.840	128	437576	44.638	ng	99
9) Benzaldehyde	6.610	77	213969	34.824	ng	100
10) Phenol	6.687	94	492586	42.134	ng	94
11) bis(2-Chloroethyl)ether	6.787	93	384255	41.977	ng	99
12) 1,3-Dichlorobenzene	6.998	146	460718	41.678	ng	99
13) 1,4-Dichlorobenzene	7.075	146	466120	42.024	ng	100
14) 1,2-Dichlorobenzene	7.228	146	446080	42.699	ng	98
15) Benzyl Alcohol	7.192	79	354229	44.895	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.322	45	497051	38.631	ng	96
17) 2-Methylphenol	7.298	107	348317	44.036	ng	98
18) Hexachloroethane	7.569	117	161752	43.137	ng	95
19) n-Nitroso-di-n-propyla...	7.463	70	285127	41.817	ng	97
20) 3+4-Methylphenols	7.445	107	446044	42.862	ng	97
22) Acetophenone	7.463	105	588306	43.868	ng	100
24) Nitrobenzene	7.640	77	435087	41.131	ng	97
25) Isophorone	7.875	82	793180	42.863	ng	98
26) 2-Nitrophenol	7.951	139	236516	49.375	ng	90
27) 2,4-Dimethylphenol	7.981	122	322456	46.759	ng	96
28) bis(2-Chloroethoxy)met...	8.081	93	471059	42.043	ng	100
29) 2,4-Dichlorophenol	8.192	162	373064	44.756	ng	99
30) 1,2,4-Trichlorobenzene	8.281	180	390433	42.967	ng	98
31) Naphthalene	8.363	128	1269524	42.842	ng	99
32) Benzoic acid	8.092	122	256701	43.148	ng	95
33) 4-Chloroaniline	8.404	127	306224	27.868	ng	98
34) Hexachlorobutadiene	8.475	225	237287	42.533	ng	99
35) Caprolactam	8.781	113	116070m	43.949	ng	
36) 4-Chloro-3-methylphenol	8.881	107	386956	44.516	ng	95
37) 2-Methylnaphthalene	9.057	142	828460	43.190	ng	100
38) 1-Methylnaphthalene	9.157	142	772995	40.962	ng	99
40) 1,2,4,5-Tetrachloroben...	9.222	216	391005	30.454	ng	99
41) Hexachlorocyclopentadiene	9.204	237	431210	82.686	ng	100
43) 2,4,6-Trichlorophenol	9.328	196	271982	31.120	ng	99

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44) 2,4,5-Trichlorophenol	9.369	196	289561	30.005	ng	98
46) 1,1'-Biphenyl	9.522	154	1019434	30.642	ng	98
47) 2-Chloronaphthalene	9.551	162	787730	29.328	ng	100
48) 2-Nitroaniline	9.639	65	218337	29.973	ng	98
49) Acenaphthylene	9.969	152	1248832	32.141	ng	99
50) Dimethylphthalate	9.816	163	945742	30.904	ng	99
51) 2,6-Dinitrotoluene	9.881	165	209890	30.011	ng	99
52) Acenaphthene	10.139	154	1219416	47.348	ng	99
53) 3-Nitroaniline	10.051	138	216589	29.573	ng	94
54) 2,4-Dinitrophenol	10.157	184	328132	95.486	ng	92
55) Dibenzofuran	10.316	168	1627709	43.430	ng	97
56) 4-Nitrophenol	10.204	139	413336	68.094	ng	94
57) 2,4-Dinitrotoluene	10.286	165	400766	43.863	ng	99
58) Fluorene	10.657	166	1313912	44.050	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.428	232	330354	42.165	ng	100
60) Diethylphthalate	10.516	149	1322330	45.495	ng	100
61) 4-Chlorophenyl-phenyle...	10.645	204	655661	44.612	ng	98
62) 4-Nitroaniline	10.675	138	269671	36.301	ng	99
63) Azobenzene	10.804	77	1249021	44.463	ng	98
65) 4,6-Dinitro-2-methylph...	10.692	198	235113	56.456	ng	99
66) n-Nitrosodiphenylamine	10.763	169	1133284	52.179	ng	99
67) 4-Bromophenyl-phenylether	11.139	248	379304	48.847	ng	96
68) Hexachlorobenzene	11.204	284	388556	45.789	ng	99
69) Atrazine	11.286	200	339005	51.191	ng	98
70) Pentachlorophenol	11.398	266	497921	85.467	ng	99
71) Phenanthrene	11.628	178	1559076	44.085	ng	100
72) Anthracene	11.680	178	1731119	49.196	ng	100
73) Carbazole	11.827	167	1383297	40.790	ng	99
74) Di-n-butylphthalate	12.145	149	1666399	45.046	ng	100
75) Fluoranthene	12.816	202	1529387	39.562	ng	99
77) Benzidine	12.933	184	564370	95.900	ng	99
78) Pyrene	13.051	202	1365938	67.703	ng	99
80) Butylbenzylphthalate	13.657	149	354805	55.427	ng	94
81) Benzo(a)anthracene	14.239	228	758280	46.592	ng	99
82) 3,3'-Dichlorobenzidine	14.198	252	202585	41.580	ng	98
83) Chrysene	14.274	228	716677	47.030	ng	98
84) Bis(2-ethylhexyl)phtha...	14.210	149	477492	59.188	ng	99
85) Di-n-octyl phthalate	14.839	149	784041	72.214	ng	97
87) Indeno(1,2,3-cd)pyrene	17.468	276	911407	50.027	ng	98
88) Benzo(b)fluoranthene	15.351	252	782071	39.227	ng	99
89) Benzo(k)fluoranthene	15.386	252	797574	41.389	ng	98
90) Benzo(a)pyrene	15.757	252	757421	46.567	ng	99
91) Dibenzo(a,h)anthracene	17.486	278	727200	49.039	ng	99
92) Benzo(g,h,i)perylene	17.974	276	693317	44.599	ng	98

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

