

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
 Data File : BF137810.D
 Acq On : 02 May 2024 12:09
 Operator : CG\JU
 Sample : PB160643BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160643BS

Manual Integrations
 APPROVED

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

Quant Time: May 02 13:04:52 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	169577	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	679048	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	384017	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	667814	20.000	ng	0.00
76) Chrysene-d12	14.251	240	406708	20.000	ng	0.00
86) Perylene-d12	15.821	264	346153	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	1804335	178.148	ng	0.02
7) Phenol-d6	6.675	99	2221603	172.931	ng	0.00
23) Nitrobenzene-d5	7.622	82	1010440	86.451	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	542975	138.482	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2058828	86.980	ng	0.00
79) Terphenyl-d14	13.186	244	2350580	96.857	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.099	88	165085	36.196	ng	98
3) Pyridine	3.828	79	400897	36.319	ng	95
4) n-Nitrosodimethylamine	3.793	42	212173	42.685	ng	99
6) Aniline	6.722	93	563387	44.246	ng	99
8) 2-Chlorophenol	6.840	128	728650	66.014	ng	98
9) Benzaldehyde	6.610	77	60066	8.682	ng	96
10) Phenol	6.693	94	817926	62.135	ng	97
11) bis(2-Chloroethyl)ether	6.787	93	644316	62.511	ng	96
12) 1,3-Dichlorobenzene	6.998	146	541520	43.506	ng	99
13) 1,4-Dichlorobenzene	7.075	146	555780	44.500	ng	100
14) 1,2-Dichlorobenzene	7.228	146	536015	45.567	ng	98
15) Benzyl Alcohol	7.193	79	427846	48.158	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.322	45	586007	40.448	ng	96
17) 2-Methylphenol	7.298	107	422899	47.483	ng	99
18) Hexachloroethane	7.569	117	190064	45.016	ng	96
19) n-Nitroso-di-n-propyla...	7.463	70	335149	43.654	ng	99
20) 3+4-Methylphenols	7.451	107	533450	45.525	ng	# 86
22) Acetophenone	7.463	105	696200	45.587	ng	99
24) Nitrobenzene	7.640	77	523177	43.431	ng	98
25) Isophorone	7.875	82	932522	44.251	ng	99
26) 2-Nitrophenol	7.951	139	285647	52.364	ng	90
27) 2,4-Dimethylphenol	7.981	122	387888	49.391	ng	95
28) bis(2-Chloroethoxy)met...	8.081	93	557671	43.707	ng	99
29) 2,4-Dichlorophenol	8.192	162	449384	47.342	ng	100
30) 1,2,4-Trichlorobenzene	8.281	180	463438	44.785	ng	99
31) Naphthalene	8.363	128	1506986	44.657	ng	100
32) Benzoic acid	8.098	122	348350	51.416	ng	97
33) 4-Chloroaniline	8.404	127	224631	17.951	ng	99
34) Hexachlorobutadiene	8.475	225	280304	44.120	ng	98
35) Caprolactam	8.781	113	150089m	49.903	ng	
36) 4-Chloro-3-methylphenol	8.887	107	475115	47.997	ng	99
37) 2-Methylnaphthalene	9.057	142	982644	44.985	ng	99
38) 1-Methylnaphthalene	9.157	142	914217	42.541	ng	98
40) 1,2,4,5-Tetrachloroben...	9.222	216	459499	45.178	ng	99
41) Hexachlorocyclopentadiene	9.204	237	533039	129.028	ng	99
43) 2,4,6-Trichlorophenol	9.328	196	329927	47.654	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.375	196	354754	46.405	ng	99
46) 1,1'-Biphenyl	9.522	154	1203475	45.665	ng	99
47) 2-Chloronaphthalene	9.551	162	943984	44.366	ng	100
48) 2-Nitroaniline	9.639	65	280427	48.596	ng	99
49) Acenaphthylene	9.969	152	1520094	49.387	ng	100
50) Dimethylphthalate	9.822	163	1132288	46.707	ng	99
51) 2,6-Dinitrotoluene	9.881	165	260232	46.972	ng	100
52) Acenaphthene	10.139	154	1022998	50.143	ng	99
53) 3-Nitroaniline	10.057	138	170010	29.303	ng	100
54) 2,4-Dinitrophenol	10.163	184	301936	110.915	ng	96
55) Dibenzofuran	10.316	168	1355266	45.648	ng	99
56) 4-Nitrophenol	10.210	139	434471	90.354	ng	93
57) 2,4-Dinitrotoluene	10.292	165	354818	49.022	ng	91
58) Fluorene	10.657	166	1065805	45.107	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.428	232	293871	47.349	ng	97
60) Diethylphthalate	10.522	149	1068062	46.388	ng	99
61) 4-Chlorophenyl-phenyle...	10.645	204	520587	44.715	ng	98
62) 4-Nitroaniline	10.675	138	261146	44.377	ng	94
63) Azobenzene	10.804	77	989074	44.447	ng	99
65) 4,6-Dinitro-2-methylph...	10.698	198	201783	52.643	ng	92
66) n-Nitrosodiphenylamine	10.763	169	936403	46.843	ng	99
67) 4-Bromophenyl-phenylether	11.139	248	326407	45.670	ng	96
68) Hexachlorobenzene	11.204	284	353446	45.254	ng	99
69) Atrazine	11.286	200	307001	50.367	ng	98
70) Pentachlorophenol	11.398	266	470231	87.694	ng	99
71) Phenanthrene	11.628	178	1529897	47.001	ng	100
72) Anthracene	11.680	178	1551782	47.913	ng	100
73) Carbazole	11.828	167	1425067	45.656	ng	99
74) Di-n-butylphthalate	12.145	149	1599829	46.986	ng	100
75) Fluoranthene	12.822	202	1582870	44.486	ng	98
77) Benzidine	12.933	184	264486	28.118	ng	98
78) Pyrene	13.051	202	1581552	49.045	ng	100
80) Butylbenzylphthalate	13.657	149	592463	57.906	ng	98
81) Benzo(a)anthracene	14.239	228	1276838	49.085	ng	98
82) 3,3'-Dichlorobenzidine	14.198	252	256389	32.924	ng	99
83) Chrysene	14.280	228	1169847	48.030	ng	98
84) Bis(2-ethylhexyl)phtha...	14.210	149	783585	60.769	ng	99
85) Di-n-octyl phthalate	14.839	149	1130465	65.143	ng	98
87) Indeno(1,2,3-cd)pyrene	17.468	276	1030229	52.349	ng	99
88) Benzo(b)fluoranthene	15.351	252	981164	45.558	ng	99
89) Benzo(k)fluoranthene	15.386	252	994152	47.759	ng	99
90) Benzo(a)pyrene	15.757	252	889884	50.647	ng	99
91) Dibenzo(a,h)anthracene	17.486	278	828466	51.718	ng	99
92) Benzo(g,h,i)perylene	17.968	276	784302	46.705	ng	98

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

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