

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030224\
 Data File : BF137471.D
 Acq On : 02 Mar 2024 13:53
 Operator : CG\JU
 Sample : PB159386BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159386BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Mar 04 00:32:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 00:26:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	235069	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	949670	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	525956	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	942320	20.000	ng	0.00
76) Chrysene-d12	14.051	240	508355	20.000	ng	0.00
86) Perylene-d12	15.574	264	448907	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1957920	126.148	ng	0.02
7) Phenol-d6	6.510	99	2716541	121.253	ng	0.00
23) Nitrobenzene-d5	7.428	82	1729238	84.606	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	680292	147.287	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2750598	81.864	ng	0.00
79) Terphenyl-d14	12.992	244	3197061	86.481	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.793	88	320127	37.722	ng	99
3) Pyridine	3.557	79	719243	35.141	ng	98
4) n-Nitrosodimethylamine	3.540	42	391020	47.228	ng	99
6) Aniline	6.534	93	665964	24.327	ng	97
8) 2-Chlorophenol	6.651	128	796391	48.648	ng	99
9) Benzaldehyde	6.416	77	89367	8.142	ng	99
10) Phenol	6.522	94	1050325	43.557	ng	95
11) bis(2-Chloroethyl)ether	6.604	93	822322	46.536	ng	100
12) 1,3-Dichlorobenzene	6.798	146	792191	45.286	ng	99
13) 1,4-Dichlorobenzene	6.875	146	828390	46.284	ng	98
14) 1,2-Dichlorobenzene	7.028	146	767544	46.722	ng	98
15) Benzyl Alcohol	7.010	79	731792	52.467	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	1322059	43.525	ng	96
17) 2-Methylphenol	7.122	107	658043	42.958	ng	97
18) Hexachloroethane	7.363	117	284023	48.194	ng	95
19) n-Nitroso-di-n-propyla...	7.281	70	594104	42.943	ng	99
20) 3+4-Methylphenols	7.275	107	747399	42.602	ng	91
22) Acetophenone	7.269	105	1043086	45.396	ng	# 96
24) Nitrobenzene	7.445	77	916691	44.647	ng	96
25) Isophorone	7.681	82	1773044	45.661	ng	98
26) 2-Nitrophenol	7.757	139	405467	49.742	ng	94
27) 2,4-Dimethylphenol	7.798	122	600175	39.404	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	1042549	45.760	ng	98
29) 2,4-Dichlorophenol	7.998	162	655317	46.879	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	679069	46.162	ng	99
31) Naphthalene	8.157	128	2215879	43.488	ng	100
32) Benzoic acid	7.945	122	442544	50.131	ng	99
33) 4-Chloroaniline	8.210	127	307784	15.405	ng	99
34) Hexachlorobutadiene	8.275	225	393686	45.331	ng	99
35) Caprolactam	8.592	113	218481m	46.093	ng	
36) 4-Chloro-3-methylphenol	8.698	107	738357	47.254	ng	98
37) 2-Methylnaphthalene	8.851	142	1375767	42.354	ng	100
38) 1-Methylnaphthalene	8.951	142	1307578	42.746	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	664570	45.260	ng	99
41) Hexachlorocyclopentadiene	9.004	237	569972	93.561	ng	99
43) 2,4,6-Trichlorophenol	9.133	196	458438	47.944	ng	99

03/04/2024
 Supervised By :mohammad
 Ahmed

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	477309	43.333	ng	95
46) 1,1'-Biphenyl	9.316	154	1715842	44.573	ng	99
47) 2-Chloronaphthalene	9.339	162	1354575	46.153	ng	98
48) 2-Nitroaniline	9.445	65	496095	49.731	ng	96
49) Acenaphthylene	9.757	152	2131281	45.376	ng	100
50) Dimethylphthalate	9.627	163	1660296	45.348	ng	100
51) 2,6-Dinitrotoluene	9.686	165	367109	47.939	ng	100
52) Acenaphthene	9.933	154	1207948	43.078	ng	98
53) 3-Nitroaniline	9.857	138	254253	31.389	ng	99
54) 2,4-Dinitrophenol	9.969	184	379945	99.489	ng	98
55) Dibenzofuran	10.104	168	1825857	42.751	ng	99
56) 4-Nitrophenol	10.033	139	552107	94.911	ng	96
57) 2,4-Dinitrotoluene	10.092	165	451347	47.973	ng	91
58) Fluorene	10.451	166	1396660	42.582	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	415549	47.046	ng	92
60) Diethylphthalate	10.333	149	1547711	44.765	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	683684	42.531	ng	97
62) 4-Nitroaniline	10.486	138	328282	47.154	ng	98
63) Azobenzene	10.604	77	1804961	45.337	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	268227	51.071	ng	97
66) n-Nitrosodiphenylamine	10.569	169	1309634	43.160	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	451167	43.958	ng	98
68) Hexachlorobenzene	10.992	284	488790	47.152	ng	98
69) Atrazine	11.098	200	393021	42.606	ng	96
70) Pentachlorophenol	11.198	266	566108	90.337	ng	99
71) Phenanthrene	11.416	178	2194015	42.783	ng	98
72) Anthracene	11.469	178	2227453	42.290	ng	100
73) Carbazole	11.627	167	2018840	44.748	ng	100
74) Di-n-butylphthalate	11.963	149	2386625	44.462	ng	99
75) Fluoranthene	12.610	202	2187010	43.629	ng	98
77) Benzidine	12.745	184	195449	15.711	ng	99
78) Pyrene	12.839	202	2267614	45.460	ng	99
80) Butylbenzylphthalate	13.474	149	676701	53.121	ng	100
81) Benzo(a)anthracene	14.039	228	1624061	45.581	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	368402	38.827	ng	99
83) Chrysene	14.080	228	1628092	45.211	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	816004	50.397	ng	99
85) Di-n-octyl phthalate	14.662	149	1401964	45.286	ng	100
87) Indeno(1,2,3-cd)pyrene	17.162	276	1533064	51.896	ng	98
88) Benzo(b)fluoranthene	15.121	252	1310095	49.336	ng	99
89) Benzo(k)fluoranthene	15.151	252	1374716	48.198	ng	98
90) Benzo(a)pyrene	15.509	252	1236722	47.260	ng	99
91) Dibenzo(a,h)anthracene	17.186	278	1241350	51.801	ng	99
92) Benzo(g,h,i)perylene	17.645	276	1256624	51.060	ng	98

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

