

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
 Data File : BF137380.D
 Acq On : 26 Feb 2024 12:19
 Operator : CG\JU
 Sample : PB159110BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159110BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel
 02/27/2024

Supervised By :Mohammad
 ahmed
 02/27/2024

Quant Time: Feb 26 12:38:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	223459	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	921708	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	511379	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	914566	20.000	ng	0.00
76) Chrysene-d12	13.980	240	495768	20.000	ng	0.00
86) Perylene-d12	15.457	264	422516	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1354804	93.552	ng	0.02
7) Phenol-d6	6.440	99	1888908	88.668	ng	0.00
23) Nitrobenzene-d5	7.363	82	1651264	89.441	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	418951	94.081	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2735221	83.271	ng	0.00
79) Terphenyl-d14	12.927	244	3186246	89.892	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.657	88	294858	37.167	ng	98
3) Pyridine	3.410	79	714801	35.814	ng	99
4) n-Nitrosodimethylamine	3.387	42	328750	43.606	ng	98
6) Aniline	6.469	93	866235	34.288	ng	100
8) 2-Chlorophenol	6.587	128	737990	47.512	ng	98
9) Benzaldehyde	6.351	77	216524	21.111	ng	97
10) Phenol	6.451	94	1089280	46.720	ng	98
11) bis(2-Chloroethyl)ether	6.540	93	796028	46.987	ng	96
12) 1,3-Dichlorobenzene	6.740	146	762423	45.708	ng	99
13) 1,4-Dichlorobenzene	6.816	146	783347	45.614	ng	99
14) 1,2-Dichlorobenzene	6.969	146	736451	46.361	ng	98
15) Benzyl Alcohol	6.945	79	664563	52.333	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.075	45	1294727	45.979	ng	100
17) 2-Methylphenol	7.057	107	656856	44.695	ng	98
18) Hexachloroethane	7.304	117	268255	45.330	ng	95
19) n-Nitroso-di-n-propyla...	7.216	70	588945	44.864	ng	99
20) 3+4-Methylphenols	7.210	107	753478	44.982	ng	94
22) Acetophenone	7.210	105	1020601	45.663	ng	98
24) Nitrobenzene	7.381	77	860339	45.862	ng	95
25) Isophorone	7.622	82	1737133	45.499	ng	100
26) 2-Nitrophenol	7.698	139	343970	47.986	ng	99
27) 2,4-Dimethylphenol	7.740	122	686638	48.902	ng	98
28) bis(2-Chloroethoxy)met...	7.834	93	1016485	46.191	ng	99
29) 2,4-Dichlorophenol	7.939	162	638340	48.505	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	646831	45.791	ng	99
31) Naphthalene	8.098	128	2149137	43.449	ng	99
32) Benzoic acid	7.881	122	361051	42.888	ng	98
33) 4-Chloroaniline	8.151	127	339383	18.040	ng	97
34) Hexachlorobutadiene	8.216	225	367625	43.809	ng	99
35) Caprolactam	8.528	113	204971m	50.364	ng	
36) 4-Chloro-3-methylphenol	8.639	107	707683	47.433	ng	97
37) 2-Methylnaphthalene	8.792	142	1344359	42.179	ng	99
38) 1-Methylnaphthalene	8.892	142	1277541	42.394	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	631346	44.825	ng	99
41) Hexachlorocyclopentadiene	8.945	237	759780	118.977	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	443988	48.617	ng	97

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44) 2,4,5-Trichlorophenol	9.116	196	478452	45.666	ng	98
46) 1,1'-Biphenyl	9.257	154	1666485	44.743	ng	99
47) 2-Chloronaphthalene	9.281	162	1310196	46.580	ng	100
48) 2-Nitroaniline	9.381	65	409302	47.919	ng	100
49) Acenaphthylene	9.698	152	2045295	44.755	ng	100
50) Dimethylphthalate	9.569	163	1624469	45.972	ng	98
51) 2,6-Dinitrotoluene	9.628	165	344236	52.365	ng	97
52) Acenaphthene	9.869	154	1211005	44.392	ng	100
53) 3-Nitroaniline	9.798	138	233044	31.859	ng	97
54) 2,4-Dinitrophenol	9.904	184	321419	97.061	ng	95
55) Dibenzofuran	10.045	168	1849943	43.877	ng	99
56) 4-Nitrophenol	9.969	139	573941	101.679	ng	99
57) 2,4-Dinitrotoluene	10.033	165	420875	50.581	ng	97
58) Fluorene	10.386	166	1407145	43.702	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	420838m	48.506	ng	
60) Diethylphthalate	10.269	149	1518446	46.026	ng	100
61) 4-Chlorophenyl-phenyle...	10.381	204	692638	43.730	ng	97
62) 4-Nitroaniline	10.422	138	328098m	47.460	ng	
63) Azobenzene	10.539	77	1764144	44.694	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	215230	48.116	ng	90
66) n-Nitrosodiphenylamine	10.504	169	1289326	43.408	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	448149	45.581	ng	98
68) Hexachlorobenzene	10.933	284	477503	46.948	ng	98
69) Atrazine	11.039	200	421958	52.641	ng	100
70) Pentachlorophenol	11.133	266	559793	86.870	ng	98
71) Phenanthrene	11.351	178	2184325	43.290	ng	100
72) Anthracene	11.404	178	2235827	42.997	ng	99
73) Carbazole	11.563	167	1981597	44.602	ng	99
74) Di-n-butylphthalate	11.898	149	2289829	51.509	ng	100
75) Fluoranthene	12.545	202	2139405	43.437	ng	100
77) Benzidine	12.674	184	280934	35.327	ng	98
78) Pyrene	12.774	202	2182800	46.563	ng	99
80) Butylbenzylphthalate	13.404	149	403915	55.426	ng	94
81) Benzo(a)anthracene	13.969	228	1588689	46.180	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	319289	40.660	ng	99
83) Chrysene	14.004	228	1575251	44.824	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	504703	54.260	ng	99
85) Di-n-octyl phthalate	14.592	149	911525	54.797	ng	94
87) Indeno(1,2,3-cd)pyrene	16.968	276	1414954	48.350	ng	99
88) Benzo(b)fluoranthene	15.027	252	1222989	47.185	ng	98
89) Benzo(k)fluoranthene	15.057	252	1315337	48.418	ng	99
90) Benzo(a)pyrene	15.398	252	1124192	45.726	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	1175468	49.006	ng	97
92) Benzo(g,h,i)perylene	17.427	276	1197810	48.319	ng	100

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

