

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
 Data File : BF137015.D
 Acq On : 10 Jan 2024 12:32
 Operator : CG\JU
 Sample : PB158346BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158346BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/11/2024
 Supervised By :mohammad ahmed 01/12/2024

Quant Time: Jan 10 12:51:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	74004	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	296882	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	155878	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	309844	20.000	ng	0.00
76) Chrysene-d12	13.980	240	178506	20.000	ng	# 0.01
86) Perylene-d12	15.462	264	135151	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	541216	114.109	ng	0.02
7) Phenol-d6	6.445	99	685072	111.471	ng	0.00
23) Nitrobenzene-d5	7.351	82	413066	71.197	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	215610	117.447	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	854736	73.750	ng	0.00
79) Terphenyl-d14	12.915	244	1005959	78.753	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	65945	33.369	ng	98
3) Pyridine	3.404	79	154503	32.043	ng	96
4) n-Nitrosodimethylamine	3.369	42	90246	35.048	ng	97
6) Aniline	6.457	93	205467	33.439	ng	# 9
8) 2-Chlorophenol	6.581	128	210867	40.626	ng	92
9) Benzaldehyde	6.339	77	74675	21.362	ng	96
10) Phenol	6.457	94	251851	38.388	ng	94
11) bis(2-Chloroethyl)ether	6.528	93	192223	38.527	ng	95
12) 1,3-Dichlorobenzene	6.728	146	211218	37.303	ng	96
13) 1,4-Dichlorobenzene	6.804	146	213009	36.818	ng	98
14) 1,2-Dichlorobenzene	6.951	146	205329	38.141	ng	99
15) Benzyl Alcohol	6.939	79	165290	39.866	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.063	45	302434	37.076	ng	74
17) 2-Methylphenol	7.057	107	171366	39.854	ng	# 93
18) Hexachloroethane	7.286	117	76383	36.354	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	143204	38.439	ng	96
20) 3+4-Methylphenols	7.210	107	218218	40.622	ng	# 54
22) Acetophenone	7.198	105	294541	39.582	ng	# 89
24) Nitrobenzene	7.375	77	212208	36.513	ng	95
25) Isophorone	7.610	82	398283	37.727	ng	98
26) 2-Nitrophenol	7.686	139	111716	40.176	ng	99
27) 2,4-Dimethylphenol	7.728	122	188762	55.760	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	245144	38.202	ng	99
29) 2,4-Dichlorophenol	7.933	162	175979	40.378	ng	96
30) 1,2,4-Trichlorobenzene	8.004	180	181312	37.338	ng	98
31) Naphthalene	8.086	128	609454	37.367	ng	100
32) Benzoic acid	7.886	122	125321	38.260	ng	97
33) 4-Chloroaniline	8.139	127	126547	21.014	ng	96
34) Hexachlorobutadiene	8.198	225	103468	35.071	ng	97
35) Caprolactam	8.528	113	59974m	41.714	ng	
36) 4-Chloro-3-methylphenol	8.639	107	194463	39.634	ng	99
37) 2-Methylnaphthalene	8.780	142	399832	38.092	ng	99
38) 1-Methylnaphthalene	8.875	142	372113	36.134	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	191129	39.592	ng	99
41) Hexachlorocyclopentadiene	8.927	237	112036	73.230	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	125053	40.393	ng	96

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44) 2,4,5-Trichlorophenol	9.116	196	133836	38.793	ng	99
46) 1,1'-Biphenyl	9.245	154	516958	39.521	ng	99
47) 2-Chloronaphthalene	9.269	162	378069	38.020	ng	100
48) 2-Nitroaniline	9.375	65	126148	40.511	ng	98
49) Acenaphthylene	9.686	152	602118	39.615	ng	99
50) Dimethylphthalate	9.551	163	457212	40.157	ng	99
51) 2,6-Dinitrotoluene	9.622	165	102798	39.782	ng	99
52) Acenaphthene	9.857	154	370365	39.309	ng	98
53) 3-Nitroaniline	9.792	138	85145	31.106	ng	93
54) 2,4-Dinitrophenol	9.910	184	99579	70.022	ng	92
55) Dibenzofuran	10.033	168	551735	38.631	ng	98
56) 4-Nitrophenol	9.980	139	118117	63.922	ng	96
57) 2,4-Dinitrotoluene	10.033	165	128686	38.362	ng	96
58) Fluorene	10.374	166	456752	40.305	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	117243	44.147	ng	95
60) Diethylphthalate	10.251	149	464119	39.288	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	217706	39.524	ng	94
62) 4-Nitroaniline	10.416	138	102629	38.893	ng	93
63) Azobenzene	10.527	77	427015	38.701	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	72913	41.061	ng	95
66) n-Nitrosodiphenylamine	10.492	169	409851	40.720	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	134929	39.212	ng	98
68) Hexachlorobenzene	10.927	284	151864	39.602	ng	99
69) Atrazine	11.033	200	187735	72.925	ng	99
70) Pentachlorophenol	11.133	266	134863	75.451	ng	97
71) Phenanthrene	11.345	178	664610	41.804	ng	99
72) Anthracene	11.398	178	662555	41.151	ng	99
73) Carbazole	11.557	167	619671	40.821	ng	99
74) Di-n-butylphthalate	11.880	149	774392	41.806	ng	99
75) Fluoranthene	12.539	202	697217	40.999	ng	96
77) Benzidine	12.663	184	131605	25.004	ng	99
78) Pyrene	12.768	202	696798	39.764	ng	99
80) Butylbenzylphthalate	13.392	149	281139	44.092	ng	98
81) Benzo(a)anthracene	13.968	228	511701	41.282	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	134013	38.070	ng	98
83) Chrysene	14.004	228	471156	38.870	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	391161	48.758	ng	97
85) Di-n-octyl phthalate	14.568	149	552705	44.538	ng	98
87) Indeno(1,2,3-cd)pyrene	16.992	276	432450	44.317	ng	99
88) Benzo(b)fluoranthene	15.027	252	403758	44.729	ng	97
89) Benzo(k)fluoranthene	15.062	252	365520	42.853	ng	98
90) Benzo(a)pyrene	15.404	252	333286	43.740	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	366179	45.741	ng	98
92) Benzo(g,h,i)perylene	17.456	276	366231	44.666	ng	99

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

