

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
 Data File : BF138866.D
 Acq On : 08 Aug 2024 15:22
 Operator : RC/JU
 Sample : PB162463BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162463BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/09/2024
 Supervised By :mohammad ahmed 08/09/2024

Quant Time: Aug 08 15:52:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	48969	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	204092	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	110072	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	189484	20.000	ng	0.00
76) Chrysene-d12	14.004	240	93153	20.000	ng	0.00
86) Perylene-d12	15.462	264	86793	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	422478	133.178	ng	0.02
7) Phenol-d6	6.492	99	552340	129.684	ng	0.00
23) Nitrobenzene-d5	7.410	82	356687	85.446	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	125994	139.739	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	656413	89.601	ng	0.00
79) Terphenyl-d14	12.945	244	614252	110.401	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	44521	32.056	ng	98
3) Pyridine	3.469	79	116304	34.569	ng	96
4) n-Nitrosodimethylamine	3.434	42	104370	52.087	ng	83
6) Aniline	6.510	93	130121	34.257	ng	# 28
8) 2-Chlorophenol	6.634	128	165496	49.585	ng	97
9) Benzaldehyde	6.398	77	105248	41.223	ng	99
10) Phenol	6.504	94	211545	47.174	ng	81
11) bis(2-Chloroethyl)ether	6.581	93	151657	43.948	ng	99
12) 1,3-Dichlorobenzene	6.781	146	169683	45.418	ng	98
13) 1,4-Dichlorobenzene	6.857	146	174184	46.198	ng	100
14) 1,2-Dichlorobenzene	7.010	146	162513	46.121	ng	100
15) Benzyl Alcohol	6.992	79	154508	50.333	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	249795	42.062	ng	# 46
17) 2-Methylphenol	7.110	107	131491	47.711	ng	# 86
18) Hexachloroethane	7.351	117	63644	44.844	ng	94
19) n-Nitroso-di-n-propyla...	7.263	70	124596	48.435	ng	99
20) 3+4-Methylphenols	7.263	107	171985	48.637	ng	# 80
22) Acetophenone	7.257	105	219521	43.929	ng	97
24) Nitrobenzene	7.433	77	186701	43.953	ng	99
25) Isophorone	7.669	82	320318	44.938	ng	98
26) 2-Nitrophenol	7.745	139	85527	46.800	ng	94
27) 2,4-Dimethylphenol	7.786	122	110235	50.415	ng	96
28) bis(2-Chloroethoxy)met...	7.875	93	188208	43.359	ng	99
29) 2,4-Dichlorophenol	7.992	162	133171	47.397	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	144942	44.701	ng	99
31) Naphthalene	8.145	128	482471	44.911	ng	99
32) Benzoic acid	7.945	122	62871	36.578	ng	96
33) 4-Chloroaniline	8.198	127	67303	18.664	ng	98
34) Hexachlorobutadiene	8.257	225	88404	45.013	ng	99
35) Caprolactam	8.586	113	34827m	41.541	ng	
36) 4-Chloro-3-methylphenol	8.692	107	151061	47.044	ng	99
37) 2-Methylnaphthalene	8.833	142	312370	46.041	ng	98
38) 1-Methylnaphthalene	8.933	142	286286	43.061	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	133856	43.777	ng	98
41) Hexachlorocyclopentadiene	8.980	237	88153	106.404	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	84116	45.119	ng	99

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44) 2,4,5-Trichlorophenol	9.175	196	92884	45.575	ng	98
46) 1,1'-Biphenyl	9.298	154	365546	42.403	ng	99
47) 2-Chloronaphthalene	9.327	162	291405	45.451	ng	99
48) 2-Nitroaniline	9.433	65	103203	47.481	ng	99
49) Acenaphthylene	9.739	152	449469	49.428	ng	99
50) Dimethylphthalate	9.604	163	343910	48.864	ng	99
51) 2,6-Dinitrotoluene	9.675	165	73193	46.080	ng	92
52) Acenaphthene	9.910	154	277044	45.323	ng	100
53) 3-Nitroaniline	9.845	138	49628	30.224	ng	98
54) 2,4-Dinitrophenol	9.957	184	64205	87.810	ng	# 81
55) Dibenzofuran	10.086	168	409386	47.444	ng	98
56) 4-Nitrophenol	10.022	139	78038	79.031	ng	87
57) 2,4-Dinitrotoluene	10.080	165	99257	48.979	ng	# 81
58) Fluorene	10.427	166	329475	47.949	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	76093	48.836	ng	96
60) Diethylphthalate	10.304	149	335590	50.288	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	161283	47.724	ng	97
62) 4-Nitroaniline	10.463	138	68902	44.155	ng	88
63) Azobenzene	10.580	77	347164	46.905	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	55191	47.742	ng	98
66) n-Nitrosodiphenylamine	10.539	169	281123	47.464	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	93088	45.375	ng	96
68) Hexachlorobenzene	10.974	284	97611	46.082	ng	98
69) Atrazine	11.069	200	83461	54.617	ng	98
70) Pentachlorophenol	11.174	266	70697	74.046	ng	99
71) Phenanthrene	11.392	178	466676	47.830	ng	100
72) Anthracene	11.445	178	474255	49.340	ng	100
73) Carbazole	11.598	167	387849	46.770	ng	98
74) Di-n-butylphthalate	11.916	149	502716	53.926	ng	99
75) Fluoranthene	12.574	202	431401	47.362	ng	98
77) Benzidine	12.698	184	34528	15.497	ng	98
78) Pyrene	12.804	202	423839	48.325	ng	99
80) Butylbenzylphthalate	13.415	149	145173	51.689	ng	96
81) Benzo(a)anthracene	13.992	228	301253	46.963	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	58759	35.795	ng	99
83) Chrysene	14.027	228	274248	47.388	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	172629	41.974	ng	98
85) Di-n-octyl phthalate	14.580	149	283006	37.193	ng	99
87) Indeno(1,2,3-cd)pyrene	16.939	276	272510	43.813	ng	96
88) Benzo(b)fluoranthene	15.039	252	260514	48.420	ng	98
89) Benzo(k)fluoranthene	15.068	252	248699	53.388	ng	99
90) Benzo(a)pyrene	15.404	252	234700	51.860	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	220388	43.165	ng	98
92) Benzo(g,h,i)perylene	17.374	276	199632	37.679	ng	97

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

