

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140491.D
 Acq On : 20 Nov 2024 10:49
 Operator : RC/JU
 Sample : PB165039BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165039BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 20 11:26:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	121736	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	462447	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	259407	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	492347	20.000	ng	0.00
76) Chrysene-d12	14.057	240	292939	20.000	ng	0.00
86) Perylene-d12	15.568	264	237975	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	861930	120.888	ng	0.02
7) Phenol-d6	6.516	99	1125959	116.559	ng	0.01
23) Nitrobenzene-d5	7.434	82	734239	82.725	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	337968	131.016	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1381434	85.608	ng	0.00
79) Terphenyl-d14	12.986	244	1574473	93.294	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	120012	37.766	ng	97
3) Pyridine	3.493	79	306008	39.170	ng	99
4) n-Nitrosodimethylamine	3.446	42	163019	41.287	ng	98
6) Aniline	6.540	93	314213	37.392	ng	# 63
8) 2-Chlorophenol	6.663	128	344192	44.940	ng	98
9) Benzaldehyde	6.428	77	221462	38.252	ng	98
10) Phenol	6.528	94	431969	42.403	ng	83
11) bis(2-Chloroethyl)ether	6.610	93	340281	44.084	ng	99
12) 1,3-Dichlorobenzene	6.816	146	354222	41.917	ng	100
13) 1,4-Dichlorobenzene	6.893	146	358495	41.838	ng	99
14) 1,2-Dichlorobenzene	7.046	146	345395	43.421	ng	99
15) Benzyl Alcohol	7.016	79	313056	44.981	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.146	45	439921	41.261	ng	75
17) 2-Methylphenol	7.134	107	272538	43.257	ng	# 93
18) Hexachloroethane	7.381	117	133272	42.072	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	244474	41.903	ng	99
20) 3+4-Methylphenols	7.287	107	345679	43.871	ng	98
22) Acetophenone	7.281	105	459909	42.760	ng	99
24) Nitrobenzene	7.457	77	381425	41.275	ng	99
25) Isophorone	7.693	82	680917	43.287	ng	100
26) 2-Nitrophenol	7.769	139	183934	44.853	ng	98
27) 2,4-Dimethylphenol	7.810	122	278924m	53.128	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	411343	42.646	ng	99
29) 2,4-Dichlorophenol	8.016	162	290874	44.830	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	298628	41.340	ng	99
31) Naphthalene	8.175	128	1008837	43.004	ng	100
32) Benzoic acid	7.940	122	196256	42.482	ng	98
33) 4-Chloroaniline	8.228	127	164503	20.164	ng	99
34) Hexachlorobutadiene	8.287	225	192600	41.846	ng	100
35) Caprolactam	8.592	113	93116m	43.178	ng	
36) 4-Chloro-3-methylphenol	8.716	107	327203	45.505	ng	99
37) 2-Methylnaphthalene	8.869	142	655213	43.558	ng	100
38) 1-Methylnaphthalene	8.969	142	608630	41.319	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	311076	43.365	ng	99
41) Hexachlorocyclopentadiene	9.016	237	295724	160.562	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	209705	44.545	ng	99

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44) 2,4,5-Trichlorophenol	9.198	196	220709	42.881	ng	98
46) 1,1'-Biphenyl	9.334	154	817776	43.333	ng	99
47) 2-Chloronaphthalene	9.357	162	613068	42.646	ng	99
48) 2-Nitroaniline	9.457	65	212944	44.665	ng	99
49) Acenaphthylene	9.775	152	1016892	46.753	ng	100
50) Dimethylphthalate	9.634	163	761997	45.066	ng	100
51) 2,6-Dinitrotoluene	9.698	165	167442	43.438	ng	97
52) Acenaphthene	9.945	154	721171m	49.090	ng	
53) 3-Nitroaniline	9.869	138	113479	28.032	ng	100
54) 2,4-Dinitrophenol	9.981	184	179443	90.272	ng	99
55) Dibenzofuran	10.122	168	926220	44.537	ng	100
56) 4-Nitrophenol	10.045	139	246266	83.401	ng	99
57) 2,4-Dinitrotoluene	10.104	165	226880	44.722	ng	99
58) Fluorene	10.463	166	728499	44.342	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	191962	47.235	ng	100
60) Diethylphthalate	10.334	149	763965	44.186	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	357046	44.021	ng	99
62) 4-Nitroaniline	10.486	138	178849	43.209	ng	97
63) Azobenzene	10.610	77	754707	44.178	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	126971	47.933	ng	96
66) n-Nitrosodiphenylamine	10.575	169	649271	45.641	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	219437	44.587	ng	97
68) Hexachlorobenzene	11.010	284	244889	44.224	ng	99
69) Atrazine	11.098	200	215183	49.997	ng	99
70) Pentachlorophenol	11.210	266	251973	84.474	ng	99
71) Phenanthrene	11.428	178	1040890	45.005	ng	100
72) Anthracene	11.481	178	1078980	47.601	ng	99
73) Carbazole	11.633	167	993041	44.369	ng	100
74) Di-n-butylphthalate	11.957	149	1192406	44.389	ng	100
75) Fluoranthene	12.616	202	1151225	44.367	ng	100
77) Benzidine	12.739	184	284086	25.267	ng	99
78) Pyrene	12.851	202	1166778	46.565	ng	100
80) Butylbenzylphthalate	13.457	149	460791	47.871	ng	98
81) Benzo(a)anthracene	14.045	228	862530	44.801	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	177745	29.046	ng	100
83) Chrysene	14.086	228	799412	45.508	ng	99
84) Bis(2-ethylhexyl)phtha...	14.022	149	606727	47.223	ng	100
85) Di-n-octyl phthalate	14.669	149	815449	45.064	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	721757	49.098	ng	99
88) Benzo(b)fluoranthene	15.127	252	662250	42.541	ng	100
89) Benzo(k)fluoranthene	15.163	252	590265	46.415	ng	100
90) Benzo(a)pyrene	15.504	252	588626	48.691	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	592002	48.720	ng	100
92) Benzo(g,h,i)perylene	17.539	276	559109	45.008	ng	99

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

