

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
 Data File : BF140657.D
 Acq On : 27 Nov 2024 09:38
 Operator : RC/JU
 Sample : PB165255BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165255BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2024
 Supervised By :mohammad ahmed 11/29/2024

Quant Time: Nov 27 10:17:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	73505	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	278290	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	153565	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	293390	20.000	ng	0.00
76) Chrysene-d12	14.051	240	186758	20.000	ng	0.00
86) Perylene-d12	15.545	264	149691	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	589780	136.901	ng	0.01
7) Phenol-d6	6.510	99	755475	132.647	ng	0.00
23) Nitrobenzene-d5	7.434	82	492890	90.594	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	233419	142.122	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	966279	93.752	ng	0.00
79) Terphenyl-d14	12.986	244	1101258	91.819	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	78089	43.112	ng	98
3) Pyridine	3.493	79	193352	48.516	ng	98
4) n-Nitrosodimethylamine	3.446	42	110207	47.051	ng	96
6) Aniline	6.534	93	201944	50.376	ng	89
8) 2-Chlorophenol	6.663	128	236213	50.965	ng	95
9) Benzaldehyde	6.422	77	97352	32.289	ng	99
10) Phenol	6.528	94	292023	50.207	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	215572	48.433	ng	100
12) 1,3-Dichlorobenzene	6.810	146	246093	47.254	ng	99
13) 1,4-Dichlorobenzene	6.887	146	248943	47.209	ng	100
14) 1,2-Dichlorobenzene	7.039	146	237624	48.090	ng	100
15) Benzyl Alcohol	7.016	79	217838	51.576	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	261926	49.813	ng	92
17) 2-Methylphenol	7.128	107	182209	49.111	ng	98
18) Hexachloroethane	7.381	117	92030	46.728	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	162267	48.208	ng	98
20) 3+4-Methylphenols	7.281	107	240459	50.423	ng	97
22) Acetophenone	7.281	105	322727	47.568	ng	98
24) Nitrobenzene	7.451	77	258179	45.914	ng	99
25) Isophorone	7.692	82	439665	48.450	ng	99
26) 2-Nitrophenol	7.769	139	122449	49.139	ng	99
27) 2,4-Dimethylphenol	7.804	122	184872	62.006	ng	100
28) bis(2-Chloroethoxy)met...	7.898	93	266685	48.240	ng	99
29) 2,4-Dichlorophenol	8.016	162	197022	49.870	ng	97
30) 1,2,4-Trichlorobenzene	8.092	180	206841	45.855	ng	99
31) Naphthalene	8.175	128	679689	47.417	ng	99
32) Benzoic acid	7.939	122	103371	41.064	ng	98
33) 4-Chloroaniline	8.228	127	133541	31.115	ng	98
34) Hexachlorobutadiene	8.286	225	141168	47.249	ng	98
35) Caprolactam	8.598	113	60726m	49.669	ng	
36) 4-Chloro-3-methylphenol	8.716	107	220443	49.837	ng	98
37) 2-Methylnaphthalene	8.863	142	447264	49.125	ng	99
38) 1-Methylnaphthalene	8.963	142	418295	46.871	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	219311	48.783	ng	99
41) Hexachlorocyclopentadiene	9.016	237	180995	170.078	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	136948	48.547	ng	100

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44) 2,4,5-Trichlorophenol	9.192	196	147410	48.149	ng	97
46) 1,1'-Biphenyl	9.328	154	560985	48.929	ng	100
47) 2-Chloronaphthalene	9.357	162	415546	47.833	ng	99
48) 2-Nitroaniline	9.457	65	137203	49.203	ng	95
49) Acenaphthylene	9.769	152	690848	52.631	ng	99
50) Dimethylphthalate	9.628	163	508214	50.250	ng	100
51) 2,6-Dinitrotoluene	9.698	165	110621	48.227	ng	92
52) Acenaphthene	9.945	154	423998	50.837	ng	99
53) 3-Nitroaniline	9.869	138	69818	31.122	ng	97
54) 2,4-Dinitrophenol	9.980	184	105597	88.022	ng	98
55) Dibenzofuran	10.116	168	631103	49.609	ng	99
56) 4-Nitrophenol	10.045	139	146293	95.618	ng	97
57) 2,4-Dinitrotoluene	10.104	165	152164	49.915	ng	98
58) Fluorene	10.457	166	510825	50.025	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	125111	53.173	ng	96
60) Diethylphthalate	10.327	149	511108	49.739	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	250681	50.024	ng	99
62) 4-Nitroaniline	10.486	138	117271	49.841	ng	97
63) Azobenzene	10.610	77	487721	50.120	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	82527	55.046	ng	98
66) n-Nitrosodiphenylamine	10.569	169	439064	50.605	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	150873	49.934	ng	96
68) Hexachlorobenzene	11.010	284	173319	49.540	ng	99
69) Atrazine	11.098	200	146773	60.133	ng	99
70) Pentachlorophenol	11.210	266	148774	96.619	ng	98
71) Phenanthrene	11.427	178	726866	51.540	ng	99
72) Anthracene	11.474	178	744059	53.935	ng	99
73) Carbazole	11.633	167	685891	51.682	ng	100
74) Di-n-butylphthalate	11.951	149	771697	50.367	ng	100
75) Fluoranthene	12.616	202	811599	53.003	ng	100
77) Benzidine	12.739	184	205651	37.874	ng	99
78) Pyrene	12.845	202	833923	48.293	ng	99
80) Butylbenzylphthalate	13.457	149	311115	50.013	ng	99
81) Benzo(a)anthracene	14.039	228	631061	51.046	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	105639	28.461	ng	98
83) Chrysene	14.080	228	591424	52.319	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	405104	51.574	ng	100
85) Di-n-octyl phthalate	14.639	149	584097	54.412	ng	98
87) Indeno(1,2,3-cd)pyrene	17.062	276	492373	50.473	ng	99
88) Benzo(b)fluoranthene	15.110	252	446670	47.506	ng	100
89) Benzo(k)fluoranthene	15.139	252	463602	56.346	ng	99
90) Benzo(a)pyrene	15.486	252	416245	54.448	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	398800	49.918	ng	99
92) Benzo(g,h,i)perylene	17.515	276	372246	45.661	ng	99

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

