

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
 Data File : BF138304.D
 Acq On : 24 Jun 2024 12:08
 Operator : CG\JU
 Sample : PB161624BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161624BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :mohammad ahmed 06/26/2024

Quant Time: Jun 24 12:41:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	291759	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1164919	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	647653	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1112423	20.000	ng	0.00
76) Chrysene-d12	14.045	240	540785	20.000	ng	0.00
86) Perylene-d12	15.515	264	592666	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2161235	123.916	ng	0.01
7) Phenol-d6	6.522	99	2727764	123.339	ng	0.00
23) Nitrobenzene-d5	7.451	82	1722458	86.079	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	888811	137.853	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	3206369	78.724	ng	0.00
79) Terphenyl-d14	12.998	244	3289099	96.330	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	288538	36.150	ng	97
3) Pyridine	3.504	79	696979	36.742	ng	95
4) n-Nitrosodimethylamine	3.469	42	373586	42.553	ng	91
6) Aniline	6.551	93	685872	31.695	ng	96
8) 2-Chlorophenol	6.669	128	925788	49.098	ng	98
10) Phenol	6.534	94	1047545m	46.674	ng	
11) bis(2-Chloroethyl)ether	6.622	93	840901	46.813	ng	99
12) 1,3-Dichlorobenzene	6.828	146	930611	43.427	ng	98
13) 1,4-Dichlorobenzene	6.904	146	943417	43.747	ng	99
14) 1,2-Dichlorobenzene	7.057	146	916514	45.272	ng	98
15) Benzyl Alcohol	7.028	79	724078	48.557	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1100732	43.419	ng	96
17) 2-Methylphenol	7.140	107	708446	47.620	ng	99
18) Hexachloroethane	7.398	117	338913	46.388	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	586315	44.725	ng	97
20) 3+4-Methylphenols	7.292	107	825290	44.074	ng	97
22) Acetophenone	7.298	105	1135772	42.680	ng	96
24) Nitrobenzene	7.469	77	893813	43.218	ng	96
25) Isophorone	7.710	82	1655360	45.735	ng	99
26) 2-Nitrophenol	7.787	139	494730	59.490	ng	98
27) 2,4-Dimethylphenol	7.822	122	629295	49.738	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	1049088	46.303	ng	99
29) 2,4-Dichlorophenol	8.028	162	764555	46.937	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	845502	44.013	ng	97
31) Naphthalene	8.192	128	2499345	43.390	ng	100
32) Benzoic acid	7.957	122	581314	52.131	ng	99
33) 4-Chloroaniline	8.234	127	412141	19.143	ng	99
34) Hexachlorobutadiene	8.304	225	492276	43.816	ng	99
35) Caprolactam	8.616	113	247775m	50.385	ng	
36) 4-Chloro-3-methylphenol	8.722	107	779394	48.056	ng	98
37) 2-Methylnaphthalene	8.881	142	1680546	44.454	ng	100
38) 1-Methylnaphthalene	8.981	142	1561939	42.162	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	844849	44.641	ng	99
41) Hexachlorocyclopentadiene	9.034	237	857638	138.977	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	573518	48.397	ng	99
44) 2,4,5-Trichlorophenol	9.204	196	613851	47.170	ng	98

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46) 1,1'-Biphenyl	9.345	154	2064229	43.436	ng	98
47) 2-Chloronaphthalene	9.375	162	1631034	43.426	ng	97
48) 2-Nitroaniline	9.469	65	456929	50.517	ng	92
49) Acenaphthylene	9.786	152	2479257	47.075	ng	99
50) Dimethylphthalate	9.651	163	1897468	47.817	ng	100
51) 2,6-Dinitrotoluene	9.710	165	443131	51.475	ng	92
52) Acenaphthene	9.963	154	1720224m	47.900	ng	
53) 3-Nitroaniline	9.881	138	286206	31.121	ng	88
54) 2,4-Dinitrophenol	9.986	184	461295	97.367	ng	94
55) Dibenzofuran	10.133	168	2225045	44.320	ng	99
56) 4-Nitrophenol	10.045	139	688970	94.800	ng	92
57) 2,4-Dinitrotoluene	10.116	165	580466	54.668	ng	96
58) Fluorene	10.475	166	1692016	42.865	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	511621	50.304	ng	99
60) Diethylphthalate	10.351	149	1824633	48.448	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	877017	44.612	ng	99
62) 4-Nitroaniline	10.498	138	421934	45.919	ng	96
63) Azobenzene	10.628	77	1694345	44.905	ng	94
65) 4,6-Dinitro-2-methylph...	10.522	198	320760	55.346	ng	86
66) n-Nitrosodiphenylamine	10.586	169	1581013	46.422	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	592623	47.277	ng	96
68) Hexachlorobenzene	11.022	284	668240	45.681	ng	# 93
69) Atrazine	11.116	200	498680	51.408	ng	98
70) Pentachlorophenol	11.216	266	755303	88.532	ng	98
71) Phenanthrene	11.439	178	2455889	44.642	ng	99
72) Anthracene	11.492	178	2517797	46.096	ng	100
73) Carbazole	11.645	167	2164190	43.200	ng	99
74) Di-n-butylphthalate	11.969	149	2542372	49.021	ng	99
75) Fluoranthene	12.622	202	2365110	42.160	ng	98
77) Benzidine	12.739	184	266269	42.568	ng	99
78) Pyrene	12.851	202	2343815	50.247	ng	100
80) Butylbenzylphthalate	13.469	149	794668	62.631	ng	99
81) Benzo(a)anthracene	14.039	228	1689888	48.708	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	382123	39.996	ng	99
83) Chrysene	14.074	228	1577110	47.691	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	957016	64.852	ng	99
85) Di-n-octyl phthalate	14.639	149	1581591	72.143	ng	98
87) Indeno(1,2,3-cd)pyrene	17.009	276	2178318	56.380	ng	99
88) Benzo(b)fluoranthene	15.086	252	1652616	47.285	ng	99
89) Benzo(k)fluoranthene	15.121	252	1575920	46.009	ng	100
90) Benzo(a)pyrene	15.457	252	1543841	51.417	ng	98
91) Dibenzo(a,h)anthracene	17.027	278	1769318	55.792	ng	98
92) Benzo(g,h,i)perylene	17.457	276	1697469	51.741	ng	99

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

