

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122322\
 Data File : BF131807.D
 Acq On : 23 Dec 2022 15:30
 Operator : CG\JU
 Sample : PB149887BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149887BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/24/2022
 Supervised By : Jagrut Upadhyay 12/24/2022

Quant Time: Dec 24 03:05:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 00:05:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	93833	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	377671	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	242649	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	463624	20.000	ng	0.00
76) Chrysene-d12	14.068	240	292664	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	185838	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	803306	144.158	ng	0.02
7) Phenol-d6	6.492	99	1047562	139.669	ng	0.00
23) Nitrobenzene-d5	7.428	82	741056	79.657	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	366477	137.987	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1373543	79.295	ng	0.00
79) Terphenyl-d14	13.010	244	1768148	94.159	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	91231	35.035	ng	97
3) Pyridine	3.398	79	243195	32.753	ng	98
4) n-Nitrosodimethylamine	3.375	42	146358	43.567	ng	92
6) Aniline	6.516	93	223080	24.092	ng	95
8) 2-Chlorophenol	6.634	128	280434	46.855	ng	99
10) Phenol	6.504	94	386806	43.195	ng	94
11) bis(2-Chloroethyl)ether	6.587	93	320480	50.011	ng	98
12) 1,3-Dichlorobenzene	6.792	146	294021	43.458	ng	96
13) 1,4-Dichlorobenzene	6.869	146	301934	43.660	ng	98
14) 1,2-Dichlorobenzene	7.022	146	286842	44.299	ng	97
15) Benzyl Alcohol	7.004	79	214328	31.994	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	385436	47.171	ng	92
17) 2-Methylphenol	7.116	107	252975	44.773	ng	94
18) Hexachloroethane	7.363	117	124970	45.586	ng	99
19) n-Nitroso-di-n-propyla...	7.275	70	249341	46.095	ng	97
20) 3+4-Methylphenols	7.269	107	324953	44.686	ng	100
22) Acetophenone	7.269	105	463724	42.075	ng	# 93
24) Nitrobenzene	7.445	77	379574	40.134	ng	99
25) Isophorone	7.681	82	701696	44.414	ng	99
26) 2-Nitrophenol	7.757	139	157540	42.622	ng	98
27) 2,4-Dimethylphenol	7.798	122	266190	50.564	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	395746	47.170	ng	99
29) 2,4-Dichlorophenol	8.004	162	273671	43.062	ng	97
30) 1,2,4-Trichlorobenzene	8.081	180	303443	40.614	ng	100
31) Naphthalene	8.163	128	828988	40.192	ng	100
32) Benzoic acid	7.951	122	189251	44.910	ng	97
33) 4-Chloroaniline	8.216	127	92094	11.449	ng	97
34) Hexachlorobutadiene	8.275	225	200805	39.947	ng	97
35) Caprolactam	8.616	113	75557m	39.428	ng	
36) 4-Chloro-3-methylphenol	8.716	107	322017	44.355	ng	98
37) 2-Methylnaphthalene	8.863	142	581656	41.342	ng	99
38) 1-Methylnaphthalene	8.963	142	543859	39.912	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	332602	40.064	ng	99
41) Hexachlorocyclopentadiene	9.010	237	377848	100.461	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	215845	39.801	ng	99
44) 2,4,5-Trichlorophenol	9.198	196	233447	39.764	ng	94

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46) 1,1'-Biphenyl	9.333	154	751266	41.161	ng	99
47) 2-Chloronaphthalene	9.357	162	593306	39.698	ng	99
48) 2-Nitroaniline	9.463	65	217670	40.408	ng	99
49) Acenaphthylene	9.775	152	894104	39.886	ng	99
50) Dimethylphthalate	9.639	163	767738	42.049	ng	100
51) 2,6-Dinitrotoluene	9.704	165	167669	42.708	ng	98
52) Acenaphthene	9.945	154	534738	38.940	ng	99
53) 3-Nitroaniline	9.875	138	81926	20.395	ng	100
54) 2,4-Dinitrophenol	9.986	184	212067	90.150	ng	96
55) Dibenzofuran	10.122	168	834955	39.651	ng	99
56) 4-Nitrophenol	10.051	139	204502	71.128	ng	98
57) 2,4-Dinitrotoluene	10.116	165	224339	42.525	ng	95
58) Fluorene	10.469	166	685039	40.237	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	199328m	40.669	ng	
60) Diethylphthalate	10.345	149	751603	42.722	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	382192	42.237	ng	98
62) 4-Nitroaniline	10.504	138	132035	32.659	ng	93
63) Azobenzene	10.616	77	793635	41.080	ng	95
65) 4,6-Dinitro-2-methylph...	10.527	198	137457	43.184	ng	84
66) n-Nitrosodiphenylamine	10.580	169	592090	41.182	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	234259	42.781	ng	99
68) Hexachlorobenzene	11.016	284	256298	42.558	ng	# 90
69) Atrazine	11.104	200	84360	17.602	ng	99
70) Pentachlorophenol	11.216	266	269368	84.274	ng	98
71) Phenanthrene	11.439	178	1005725	39.782	ng	99
72) Anthracene	11.486	178	1022977	41.327	ng	99
73) Carbazole	11.645	167	851962	39.782	ng	99
74) Di-n-butylphthalate	11.974	149	1190770	44.654	ng	99
75) Fluoranthene	12.633	202	1114566	39.586	ng	99
77) Benzidine	12.757	184	44525	8.297	ng	100
78) Pyrene	12.863	202	1106385	41.580	ng	100
80) Butylbenzylphthalate	13.480	149	446129	47.537	ng	97
81) Benzo(a)anthracene	14.057	228	842630	39.977	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	165990	28.207	ng	99
83) Chrysene	14.098	228	776725	39.043	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	619662	55.373	ng	99
85) Di-n-octyl phthalate	14.657	149	855106	54.740	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	563021	45.105	ng	99
88) Benzo(b)fluoranthene	15.121	252	622170	47.321	ng	98
89) Benzo(k)fluoranthene	15.157	252	579138	45.141	ng	99
90) Benzo(a)pyrene	15.504	252	492551	47.295	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	493262	47.817	ng	99
92) Benzo(g,h,i)perylene	17.545	276	462610	45.372	ng	98

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

