

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
 Data File : BF130114.D
 Acq On : 02 Sep 2022 16:46
 Operator : CG\JU
 Sample : N4446-09MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/06/2022
 Supervised By : Jagrut Upadhyay 09/06/2022

Quant Time: Sep 03 05:46:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	252017	20.000	ng	0.00
21) Naphthalene-d8	7.987	136	1020099	20.000	ng	0.00
39) Acenaphthene-d10	9.739	164	530831	20.000	ng	0.00
64) Phenanthrene-d10	11.216	188	848349	20.000	ng	# 0.00
76) Chrysene-d12	13.851	240	461628	20.000	ng	0.00
86) Perylene-d12	15.245	264	446341	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1038667	69.967	ng	0.00
7) Phenol-d6	6.328	99	848184	45.829	ng	-0.02
23) Nitrobenzene-d5	7.275	82	1581152	99.612	ng	0.00
42) 2,4,6-Tribromophenol	10.528	330	736853	152.493	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	2714825	84.793	ng	0.00
79) Terphenyl-d14	12.804	244	2559981	96.167	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.416	88	148538	21.410	ng	94
3) Pyridine	3.110	79	357436	19.213	ng	91
4) n-Nitrosodimethylamine	3.057	42	164176	22.440	ng	84
6) Aniline	6.369	93	795320	34.276	ng	# 48
8) 2-Chlorophenol	6.487	128	713721	43.804	ng	97
9) Benzaldehyde	6.251	77	438947	38.749	ng	97
10) Phenol	6.345	94	386165	18.460	ng	# 58
11) bis(2-Chloroethyl)ether	6.445	93	794976	50.015	ng	97
12) 1,3-Dichlorobenzene	6.645	146	743894	41.185	ng	97
13) 1,4-Dichlorobenzene	6.722	146	759833	41.762	ng	97
14) 1,2-Dichlorobenzene	6.875	146	731015	44.200	ng	98
15) Benzyl Alcohol	6.851	79	429539	34.433	ng	91
16) 2,2'-oxybis(1-Chloropr...	6.987	45	1026161	47.504	ng	# 53
17) 2-Methylphenol	6.963	107	478960	34.939	ng	# 86
18) Hexachloroethane	7.216	117	274027	41.709	ng	96
19) n-Nitroso-di-n-propyla...	7.128	70	549084	49.247	ng	94
20) 3+4-Methylphenols	7.116	107	474395	29.510	ng	# 63
22) Acetophenone	7.122	105	1098936	48.219	ng	# 95
24) Nitrobenzene	7.292	77	832551	49.319	ng	98
25) Isophorone	7.534	82	1646633	51.254	ng	98
26) 2-Nitrophenol	7.604	139	432422	54.053	ng	95
27) 2,4-Dimethylphenol	7.645	122	670019	49.703	ng	97
28) bis(2-Chloroethoxy)met...	7.745	93	1034227	53.591	ng	99
29) 2,4-Dichlorophenol	7.845	162	666784	46.242	ng	99
30) 1,2,4-Trichlorobenzene	7.928	180	614370	40.408	ng	97
31) Naphthalene	8.010	128	2150139	41.791	ng	99
32) Benzoic acid	7.734	122	165395	19.541	ng	97
33) 4-Chloroaniline	8.057	127	728117	35.029	ng	99
34) Hexachlorobutadiene	8.128	225	336734	38.671	ng	99
35) Caprolactam	8.439	113	43583m	9.754	ng	
36) 4-Chloro-3-methylphenol	8.534	107	655918	44.953	ng	96
37) 2-Methylnaphthalene	8.698	142	1472886	44.442	ng	98
38) 1-Methylnaphthalene	8.798	142	1406105	43.649	ng	98
40) 1,2,4,5-Tetrachloroben...	8.863	216	619700	44.770	ng	99
41) Hexachlorocyclopentadiene	8.851	237	632660	87.457	ng	97
43) 2,4,6-Trichlorophenol	8.975	196	472837	47.856	ng	99

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44) 2,4,5-Trichlorophenol	9.010	196	506847	47.328	ng	95
46) 1,1'-Biphenyl	9.163	154	1774944	46.025	ng	99
47) 2-Chloronaphthalene	9.186	162	1401970	45.371	ng	99
48) 2-Nitroaniline	9.286	65	446836	58.682	ng	90
49) Acenaphthylene	9.604	152	2148896	45.797	ng	99
50) Dimethylphthalate	9.475	163	1741740	48.173	ng	99
51) 2,6-Dinitrotoluene	9.533	165	399493	56.671	ng	90
52) Acenaphthene	9.775	154	1519262m	51.376	ng	
53) 3-Nitroaniline	9.698	138	300097	37.089	ng	98
54) 2,4-Dinitrophenol	9.804	184	376353	113.794	ng	92
55) Dibenzofuran	9.945	168	1978014	46.712	ng	98
56) 4-Nitrophenol	9.851	139	258650	41.464	ng	88
57) 2,4-Dinitrotoluene	9.933	165	500073	61.616	ng	# 86
58) Fluorene	10.286	166	1429027	44.353	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.057	232	386829	46.507	ng	# 77
60) Diethylphthalate	10.169	149	1681342	48.068	ng	99
61) 4-Chlorophenyl-phenylether	10.281	204	658092	46.205	ng	99
62) 4-Nitroaniline	10.316	138	402272	51.121	ng	94
63) Azobenzene	10.439	77	1587207	46.087	ng	96
65) 4,6-Dinitro-2-methylph...	10.339	198	235510	57.578	ng	90
66) n-Nitrosodiphenylamine	10.404	169	1380525	48.679	ng	100
67) 4-Bromophenyl-phenylether	10.769	248	471585	49.976	ng	98
68) Hexachlorobenzene	10.828	284	519638	50.539	ng	98
69) Atrazine	10.933	200	435908	54.332	ng	98
70) Pentachlorophenol	11.022	266	565250	98.312	ng	96
71) Phenanthrene	11.245	178	2135077	46.407	ng	98
72) Anthracene	11.298	178	2124828	46.981	ng	99
73) Carbazole	11.451	167	2023787	48.525	ng	100
74) Di-n-butylphthalate	11.792	149	2463763	48.990	ng	100
75) Fluoranthene	12.427	202	2073739	45.455	ng	96
77) Benzidine	12.557	184	769830	61.767	ng	100
78) Pyrene	12.657	202	2061822	49.796	ng	99
80) Butylbenzylphthalate	13.280	149	912577	55.411	ng	97
81) Benzo(a)anthracene	13.839	228	1477911	46.717	ng	99
82) 3,3'-Dichlorobenzidine	13.810	252	456983	46.321	ng	99
83) Chrysene	13.874	228	1475895	47.320	ng	99
84) Bis(2-ethylhexyl)phtha...	13.839	149	1074854	52.506	ng	99
85) Di-n-octyl phthalate	14.451	149	1865456	57.689	ng	98
87) Indeno(1,2,3-cd)pyrene	16.598	276	1573860	53.455	ng	95
88) Benzo(b)fluoranthene	14.857	252	1550484	52.091	ng	99
89) Benzo(k)fluoranthene	14.886	252	1389721	48.276	ng	99
90) Benzo(a)pyrene	15.192	252	1254141	53.026	ng	97
91) Dibenzo(a,h)anthracene	16.621	278	1375435	57.091	ng	# 96
92) Benzo(g,h,i)perylene	17.015	276	1376950	57.125	ng	# 95

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

