

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
 Data File : BF127917.D
 Acq On : 26 Apr 2022 17:19
 Operator : CG\JU
 Sample : N2559-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-10SMS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/27/2022
 Supervised By : Jagrut Upadhyay 04/27/2022

Quant Time: Apr 27 01:47:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	160186	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	634866	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	372252	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	654431	20.000	ng	0.00
76) Chrysene-d12	14.127	240	324628	20.000	ng	0.00
86) Perylene-d12	15.645	264	334289	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	948177	94.280	ng	0.02
7) Phenol-d6	6.575	99	1257654	96.375	ng	0.00
23) Nitrobenzene-d5	7.510	82	910894	67.469	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	371748	99.203	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1522295	69.182	ng	0.00
79) Terphenyl-d14	13.068	244	1448483	81.590	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.898	88	185667	38.693	ng	97
3) Pyridine	3.657	79	491721	39.995	ng	99
4) n-Nitrosodimethylamine	3.622	42	274389	46.106	ng	97
6) Aniline	6.610	93	658738	42.487	ng	99
8) 2-Chlorophenol	6.734	128	503310	48.218	ng	97
9) Benzaldehyde	6.498	77	327324	40.546	ng	95
10) Phenol	6.592	94	611837m	46.486	ng	
11) bis(2-Chloroethyl)ether	6.681	93	502548	46.029	ng	99
12) 1,3-Dichlorobenzene	6.886	146	520635	43.331	ng	98
13) 1,4-Dichlorobenzene	6.963	146	523284	43.632	ng	99
14) 1,2-Dichlorobenzene	7.110	146	497445	44.805	ng	97
15) Benzyl Alcohol	7.092	79	467890	52.725	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.216	45	751045	45.009	ng	98
17) 2-Methylphenol	7.198	107	433116	48.091	ng	96
18) Hexachloroethane	7.457	117	202539	45.937	ng	97
19) n-Nitroso-di-n-propyla...	7.363	70	388442	48.627	ng	97
20) 3+4-Methylphenols	7.351	107	480931	44.205	ng	# 89
22) Acetophenone	7.357	105	665936	43.037	ng	95
24) Nitrobenzene	7.528	77	595266	45.756	ng	99
25) Isophorone	7.769	82	1128392	49.659	ng	99
26) 2-Nitrophenol	7.845	139	271830	49.034	ng	94
27) 2,4-Dimethylphenol	7.875	122	482708	52.423	ng	100
28) bis(2-Chloroethoxy)met...	7.975	93	653713	44.890	ng	100
29) 2,4-Dichlorophenol	8.086	162	435027	45.097	ng	99
30) 1,2,4-Trichlorobenzene	8.169	180	462693	42.225	ng	99
31) Naphthalene	8.251	128	1406884	43.510	ng	100
32) Benzoic acid	8.010	122	292397	44.303	ng	98
33) 4-Chloroaniline	8.298	127	387255	30.269	ng	99
34) Hexachlorobutadiene	8.357	225	300258	43.503	ng	97
35) Caprolactam	8.692	113	141927m	45.579	ng	
36) 4-Chloro-3-methylphenol	8.786	107	479058	46.499	ng	100
37) 2-Methylnaphthalene	8.939	142	972058	45.488	ng	98
38) 1-Methylnaphthalene	9.045	142	913334	43.971	ng	100
40) 1,2,4,5-Tetrachloroben...	9.104	216	457597	41.705	ng	99
41) Hexachlorocyclopentadiene	9.092	237	558661	93.977	ng	98
43) 2,4,6-Trichlorophenol	9.222	196	319081	44.196	ng	98

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44) 2,4,5-Trichlorophenol	9.263	196	335992	42.811	ng	98
46) 1,1'-Biphenyl	9.410	154	1182198	42.873	ng	99
47) 2-Chloronaphthalene	9.433	162	880542	41.948	ng	97
48) 2-Nitroaniline	9.533	65	326673	46.006	ng	98
49) Acenaphthylene	9.851	152	1425893	44.407	ng	99
50) Dimethylphthalate	9.710	163	1096143	43.907	ng	100
51) 2,6-Dinitrotoluene	9.775	165	252057	46.632	ng	95
52) Acenaphthene	10.027	154	1025406m	47.500	ng	
53) 3-Nitroaniline	9.945	138	187701	31.272	ng	100
54) 2,4-Dinitrophenol	10.057	184	247742	87.030	ng	94
55) Dibenzofuran	10.198	168	1280916	41.126	ng	99
56) 4-Nitrophenol	10.116	139	350934	76.567	ng	96
57) 2,4-Dinitrotoluene	10.180	165	330057	46.098	ng	# 83
58) Fluorene	10.545	166	975541	41.975	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.316	232	280867	42.557	ng	99
60) Diethylphthalate	10.410	149	1076504	43.974	ng	100
61) 4-Chlorophenyl-phenyle...	10.527	204	478059	41.394	ng	95
62) 4-Nitroaniline	10.569	138	239739	40.854	ng	98
63) Azobenzene	10.692	77	1150189	42.698	ng	99
65) 4,6-Dinitro-2-methylph...	10.592	198	170340	43.805	ng	93
66) n-Nitrosodiphenylamine	10.651	169	883350	43.380	ng	99
67) 4-Bromophenyl-phenylether	11.021	248	312432	43.066	ng	98
68) Hexachlorobenzene	11.086	284	345894	45.253	ng	97
69) Atrazine	11.180	200	312539	49.635	ng	98
70) Pentachlorophenol	11.286	266	356643	79.312	ng	98
71) Phenanthrene	11.510	178	1423507	41.554	ng	99
72) Anthracene	11.563	178	1443846	42.311	ng	99
73) Carbazole	11.716	167	1240106	37.706	ng	100
74) Di-n-butylphthalate	12.033	149	1641394	44.383	ng	99
75) Fluoranthene	12.698	202	1401870	38.883	ng	99
77) Benzidine	12.821	184	585443	95.311	ng	98
78) Pyrene	12.933	202	1347571	51.423	ng	99
80) Butylbenzylphthalate	13.539	149	546523	53.208	ng	98
81) Benzo(a)anthracene	14.115	228	970908	44.872	ng	97
82) 3,3'-Dichlorobenzidine	14.080	252	243730	35.476	ng	99
83) Chrysene	14.157	228	887073	42.927	ng	100
84) Bis(2-ethylhexyl)phtha...	14.092	149	767449	56.342	ng	100
85) Di-n-octyl phthalate	14.715	149	1159801	54.944	ng	99
87) Indeno(1,2,3-cd)pyrene	17.203	276	1039772	46.599	ng	99
88) Benzo(b)fluoranthene	15.192	252	975592	46.465	ng	100
89) Benzo(k)fluoranthene	15.227	252	848686	40.121	ng	98
90) Benzo(a)pyrene	15.580	252	921030	52.883	ng	99
91) Dibenzo(a,h)anthracene	17.221	278	878876	49.113	ng	98
92) Benzo(g,h,i)perylene	17.680	276	884158	46.883	ng	99

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

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