

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
 Data File : BF128262.D
 Acq On : 16 May 2022 12:10
 Operator : CG\JU
 Sample : N2775-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-35SMSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/17/2022
 Supervised By : Jagrut Upadhyay 05/17/2022

Quant Time: May 16 15:30:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 14 00:51:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	70513	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	266706	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	153189	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	293543	20.000	ng	# 0.00
76) Chrysene-d12	14.069	240	194652	20.000	ng	0.00
86) Perylene-d12	15.557	264	169451	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	511970	115.745	ng	0.02
7) Phenol-d6	6.522	99	620951	106.137	ng	0.00
23) Nitrobenzene-d5	7.457	82	528904	89.233	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	233876	133.119	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	856212	87.455	ng	0.00
79) Terphenyl-d14	13.004	244	1060356	102.217	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.863	88	80519	40.921	ng	# 83
3) Pyridine	3.581	79	188773	36.162	ng	97
4) n-Nitrosodimethylamine	3.534	42	125512	48.233	ng	91
6) Aniline	6.551	93	133031	20.135	ng	90
8) 2-Chlorophenol	6.675	128	216954	48.156	ng	99
9) Benzaldehyde	6.445	77	80593	22.910	ng	98
10) Phenol	6.534	94	238349	38.633	ng	93
11) bis(2-Chloroethyl)ether	6.622	93	222564	48.169	ng	97
12) 1,3-Dichlorobenzene	6.828	146	216819	42.758	ng	97
13) 1,4-Dichlorobenzene	6.904	146	219691	42.876	ng	97
14) 1,2-Dichlorobenzene	7.057	146	212350	43.979	ng	100
15) Benzyl Alcohol	7.034	79	224125	48.477	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	309256	45.136	ng	95
17) 2-Methylphenol	7.140	107	172422	45.111	ng	96
18) Hexachloroethane	7.392	117	83120	42.939	ng	94
19) n-Nitroso-di-n-propyla...	7.298	70	170653	47.366	ng	97
20) 3+4-Methylphenols	7.292	107	207698	43.887	ng	# 74
22) Acetophenone	7.298	105	318107	47.899	ng	# 90
24) Nitrobenzene	7.475	77	271390	49.610	ng	99
25) Isophorone	7.710	82	478740	51.519	ng	99
26) 2-Nitrophenol	7.787	139	114502	47.667	ng	96
27) 2,4-Dimethylphenol	7.822	122	185059	49.982	ng	96
28) bis(2-Chloroethoxy)met...	7.916	93	276441	47.062	ng	99
29) 2,4-Dichlorophenol	8.028	162	183687	47.190	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	201959	45.271	ng	99
31) Naphthalene	8.192	128	605735	45.987	ng	100
32) Benzoic acid	7.939	122	59408	21.456	ng	96
33) 4-Chloroaniline	8.239	127	64393	12.315	ng	96
34) Hexachlorobutadiene	8.298	225	129527	43.239	ng	98
35) Caprolactam	8.622	113	48519m	38.185	ng	
36) 4-Chloro-3-methylphenol	8.728	107	206834	47.557	ng	97
37) 2-Methylnaphthalene	8.881	142	422126	47.534	ng	98
38) 1-Methylnaphthalene	8.981	142	399027	46.784	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	211020	46.699	ng	98
41) Hexachlorocyclopentadiene	9.028	237	148221	72.297	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	136372	46.843	ng	99

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44) 2,4,5-Trichlorophenol	9.210	196	145838	46.982	ng	96
46) 1,1'-Biphenyl	9.345	154	530457	47.565	ng	100
47) 2-Chloronaphthalene	9.375	162	392714	47.511	ng	98
48) 2-Nitroaniline	9.475	65	151611	51.160	ng	91
49) Acenaphthylene	9.792	152	635650	50.843	ng	100
50) Dimethylphthalate	9.651	163	470699	47.615	ng	99
51) 2,6-Dinitrotoluene	9.716	165	110698	51.048	ng	90
52) Acenaphthene	9.963	154	427673m	49.337	ng	
53) 3-Nitroaniline	9.886	138	57514	24.464	ng	96
54) 2,4-Dinitrophenol	9.998	184	63554	52.977	ng	# 72
55) Dibenzofuran	10.133	168	575028	46.721	ng	97
56) 4-Nitrophenol	10.057	139	130889	79.679	ng	83
57) 2,4-Dinitrotoluene	10.128	165	147246	50.780	ng	# 83
58) Fluorene	10.480	166	463942	48.395	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	123867	46.693	ng	99
60) Diethylphthalate	10.345	149	478155	48.480	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	224856	47.032	ng	99
62) 4-Nitroaniline	10.510	138	104525	43.858	ng	90
63) Azobenzene	10.628	77	510509	47.268	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	59568	32.424	ng	90
66) n-Nitrosodiphenylamine	10.592	169	401875	46.975	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	144592	45.784	ng	99
68) Hexachlorobenzene	11.028	284	163395	47.298	ng	92
69) Atrazine	11.116	200	144941	50.225	ng	95
70) Pentachlorophenol	11.228	266	151530	90.378	ng	97
71) Phenanthrene	11.445	178	698119	47.762	ng	100
72) Anthracene	11.498	178	711764	48.773	ng	99
73) Carbazole	11.657	167	637883	45.966	ng	99
74) Di-n-butylphthalate	11.975	149	738404	46.220	ng	100
75) Fluoranthene	12.639	202	736971	46.506	ng	95
77) Benzidine	12.757	184	130802	31.026	ng	97
78) Pyrene	12.869	202	745412	52.814	ng	100
80) Butylbenzylphthalate	13.474	149	276853	47.183	ng	96
81) Benzo(a)anthracene	14.057	228	585555	47.097	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	92600	33.193	ng	98
83) Chrysene	14.092	228	539674	45.492	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	355551	44.847	ng	99
85) Di-n-octyl phthalate	14.639	149	519220	40.999	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	549071	53.566	ng	96
88) Benzo(b)fluoranthene	15.121	252	507958	48.358	ng	98
89) Benzo(k)fluoranthene	15.151	252	484258	46.703	ng	99
90) Benzo(a)pyrene	15.498	252	476380	56.175	ng	# 97
91) Dibenzo(a,h)anthracene	17.098	278	477725	57.567	ng	# 95
92) Benzo(g,h,i)perylene	17.545	276	477827	56.867	ng	97

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

