

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
 Data File : BF127889.D
 Acq On : 25 Apr 2022 19:23
 Operator : CG\JU
 Sample : N2548-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-8SMSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/27/2022
 Supervised By : Jagrut Upadhyay 04/28/2022

Quant Time: Apr 26 05:40:04 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	6.940	152	158391	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	630318	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	361956	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	651098	20.000	ng	0.00
76) Chrysene-d12	14.121	240	372472	20.000	ng	# 0.00
86) Perylene-d12	15.633	264	325516	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1018633	102.434	ng	0.00
7) Phenol-d6	6.569	99	1342181	104.018	ng	0.00
23) Nitrobenzene-d5	7.510	82	964201	71.933	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	386776	106.149	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1559150	72.873	ng	0.00
79) Terphenyl-d14	13.063	244	1716237	84.255	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.852	88	181020	38.152	ng	100
3) Pyridine	3.610	79	472047	38.829	ng	99
4) n-Nitrosodimethylamine	3.575	42	262967	44.688	ng	97
6) Aniline	6.604	93	615253	40.132	ng	99
8) 2-Chlorophenol	6.728	128	482777	46.775	ng	97
9) Benzaldehyde	6.498	77	322596	40.413	ng	98
10) Phenol	6.581	94	582782	44.781	ng	98
11) bis(2-Chloroethyl)ether	6.675	93	492600	45.629	ng	96
12) 1,3-Dichlorobenzene	6.881	146	512263	43.118	ng	96
13) 1,4-Dichlorobenzene	6.957	146	515153	43.441	ng	98
14) 1,2-Dichlorobenzene	7.110	146	496393	45.217	ng	99
15) Benzyl Alcohol	7.081	79	443521	50.545	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.210	45	762400	46.207	ng	99
17) 2-Methylphenol	7.187	107	397747	44.665	ng	97
18) Hexachloroethane	7.451	117	197899	45.393	ng	95
19) n-Nitroso-di-n-propyla...	7.357	70	360612	45.654	ng	98
20) 3+4-Methylphenols	7.340	107	476404	44.285	ng	90
22) Acetophenone	7.351	105	643092	41.860	ng	96
24) Nitrobenzene	7.528	77	569850	44.119	ng	99
25) Isophorone	7.763	82	1070734	47.461	ng	100
26) 2-Nitrophenol	7.839	139	253329	46.027	ng	97
27) 2,4-Dimethylphenol	7.869	122	454912	49.760	ng	99
28) bis(2-Chloroethoxy)met...	7.969	93	620548	42.920	ng	99
29) 2,4-Dichlorophenol	8.081	162	410721	42.884	ng	99
30) 1,2,4-Trichlorobenzene	8.163	180	449051	41.276	ng	100
31) Naphthalene	8.251	128	1355107	42.211	ng	99
32) Benzoic acid	7.998	122	290204	44.288	ng	98
33) 4-Chloroaniline	8.292	127	252274	19.861	ng	100
34) Hexachlorobutadiene	8.357	225	285660	41.686	ng	98
35) Caprolactam	8.675	113	137661m	44.528	ng	
36) 4-Chloro-3-methylphenol	8.775	107	455625	44.544	ng	100
37) 2-Methylnaphthalene	8.939	142	913901	43.075	ng	100
38) 1-Methylnaphthalene	9.039	142	866762	42.030	ng	100
40) 1,2,4,5-Tetrachloroben...	9.104	216	436683	40.931	ng	99
41) Hexachlorocyclopentadiene	9.086	237	524937	90.816	ng	99
43) 2,4,6-Trichlorophenol	9.216	196	302476	43.088	ng	99

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44) 2,4,5-Trichlorophenol	9.257	196	317048	41.546	ng	95
46) 1,1'-Biphenyl	9.404	154	1138066	42.447	ng	100
47) 2-Chloronaphthalene	9.433	162	839325	41.121	ng	100
48) 2-Nitroaniline	9.528	65	306604	44.408	ng	98
49) Acenaphthylene	9.851	152	1379977	44.199	ng	100
50) Dimethylphthalate	9.710	163	1043913	43.004	ng	99
51) 2,6-Dinitrotoluene	9.769	165	241875	46.021	ng	96
52) Acenaphthene	10.022	154	988029m	47.070	ng	
53) 3-Nitroaniline	9.939	138	164066	28.111	ng	98
54) 2,4-Dinitrophenol	10.045	184	254206	91.841	ng	# 82
55) Dibenzofuran	10.192	168	1241680	41.001	ng	99
56) 4-Nitrophenol	10.104	139	367740	82.516	ng	98
57) 2,4-Dinitrotoluene	10.175	165	318919	45.810	ng	# 87
58) Fluorene	10.539	166	925829	40.969	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.304	232	276801	43.134	ng	99
60) Diethylphthalate	10.404	149	1033394	43.413	ng	99
61) 4-Chlorophenyl-phenyle...	10.528	204	459801	40.946	ng	99
62) 4-Nitroaniline	10.563	138	237754	41.669	ng	99
63) Azobenzene	10.686	77	1114483	42.549	ng	99
65) 4,6-Dinitro-2-methylph...	10.580	198	175799	45.441	ng	95
66) n-Nitrosodiphenylamine	10.645	169	851312	42.020	ng	99
67) 4-Bromophenyl-phenylether	11.016	248	307405	42.590	ng	100
68) Hexachlorobenzene	11.080	284	328932	43.254	ng	99
69) Atrazine	11.175	200	307711	49.119	ng	97
70) Pentachlorophenol	11.275	266	371702	83.084	ng	97
71) Phenanthrene	11.504	178	1402359	41.147	ng	99
72) Anthracene	11.557	178	1409409	41.513	ng	99
73) Carbazole	11.710	167	1271568	38.861	ng	100
74) Di-n-butylphthalate	12.033	149	1599413	43.470	ng	100
75) Fluoranthene	12.692	202	1437893	40.086	ng	99
77) Benzidine	12.816	184	519741	73.746	ng	98
78) Pyrene	12.922	202	1425142	47.398	ng	99
80) Butylbenzylphthalate	13.533	149	608321	51.617	ng	99
81) Benzo(a)anthracene	14.110	228	1073970	43.259	ng	99
82) 3,3'-Dichlorobenzidine	14.074	252	248848	31.569	ng	100
83) Chrysene	14.151	228	1011728	42.671	ng	99
84) Bis(2-ethylhexyl)phtha...	14.092	149	796359	50.955	ng	100
85) Di-n-octyl phthalate	14.710	149	1132526	46.760	ng	99
87) Indeno(1,2,3-cd)pyrene	17.180	276	1074348	49.446	ng	99
88) Benzo(b)fluoranthene	15.186	252	889904	43.526	ng	100
89) Benzo(k)fluoranthene	15.215	252	886741	43.049	ng	98
90) Benzo(a)pyrene	15.568	252	877945	51.768	ng	99
91) Dibenzo(a,h)anthracene	17.204	278	917793	52.670	ng	98
92) Benzo(g,h,i)perylene	17.656	276	963267	52.455	ng	99

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

