

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
 Data File : BF129537.D
 Acq On : 03 Aug 2022 13:14
 Operator : CG\JU
 Sample : N3998-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/04/2022
 Supervised By : Jagrut Upadhyay 08/05/2022

Quant Time: Aug 03 16:37:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	153120	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	614714	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	332984	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	588283	20.000	ng	0.00
76) Chrysene-d12	14.051	240	372817	20.000	ng	0.00
86) Perylene-d12	15.533	264	346650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	999787	106.364	ng	0.00
7) Phenol-d6	6.522	99	1301908	110.193	ng	0.00
23) Nitrobenzene-d5	7.440	82	820284	72.844	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	388591	121.382	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1562102	72.571	ng	0.00
79) Terphenyl-d14	12.986	244	1802788	91.227	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	175236	41.320	ng	90
3) Pyridine	3.463	79	444485	37.740	ng	89
4) n-Nitrosodimethylamine	3.410	42	238319	46.081	ng	89
6) Aniline	6.540	93	537910	36.623	ng	# 86
8) 2-Chlorophenol	6.663	128	520776	50.712	ng	97
9) Benzaldehyde	6.422	77	359283	44.779	ng	97
10) Phenol	6.534	94	623705m	49.573	ng	
11) bis(2-Chloroethyl)ether	6.604	93	502554	50.366	ng	93
12) 1,3-Dichlorobenzene	6.810	146	536845	48.743	ng	99
13) 1,4-Dichlorobenzene	6.887	146	549706	49.076	ng	100
14) 1,2-Dichlorobenzene	7.040	146	518476	50.358	ng	98
15) Benzyl Alcohol	7.016	79	448768	52.373	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.146	45	688029	45.873	ng	68
17) 2-Methylphenol	7.134	107	412491	48.418	ng	# 92
18) Hexachloroethane	7.381	117	209757	49.733	ng	92
19) n-Nitroso-di-n-propyla...	7.287	70	355999	49.772	ng	90
20) 3+4-Methylphenols	7.287	107	515968	47.633	ng	90
22) Acetophenone	7.281	105	705483	49.294	ng	97
24) Nitrobenzene	7.457	77	545130	47.010	ng	96
25) Isophorone	7.693	82	1005186	49.798	ng	100
26) 2-Nitrophenol	7.769	139	281139	49.145	ng	97
27) 2,4-Dimethylphenol	7.810	122	476979m	55.586	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	614076	52.443	ng	99
29) 2,4-Dichlorophenol	8.022	162	429709	48.517	ng	97
30) 1,2,4-Trichlorobenzene	8.093	180	426116	46.481	ng	96
31) Naphthalene	8.175	128	1474418	47.210	ng	99
32) Benzoic acid	7.951	122	254996	41.105	ng	97
33) 4-Chloroaniline	8.228	127	314822m	24.553	ng	
34) Hexachlorobutadiene	8.287	225	259171	49.734	ng	99
35) Caprolactam	8.604	113	144791m	50.284	ng	
36) 4-Chloro-3-methylphenol	8.722	107	476495	50.725	ng	96
37) 2-Methylnaphthalene	8.869	142	975631	48.071	ng	100
38) 1-Methylnaphthalene	8.969	142	925010	47.212	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	426239	48.749	ng	98
41) Hexachlorocyclopentadiene	9.016	237	460595	118.302	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	299810	47.211	ng	96

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44) 2,4,5-Trichlorophenol	9.198	196	324171	46.941	ng	# 94
46) 1,1'-Biphenyl	9.334	154	1197308	49.270	ng	98
47) 2-Chloronaphthalene	9.357	162	937249	47.709	ng	99
48) 2-Nitroaniline	9.463	65	310636	47.553	ng	89
49) Acenaphthylene	9.775	152	1419921	47.568	ng	99
50) Dimethylphthalate	9.634	163	1125068	48.944	ng	99
51) 2,6-Dinitrotoluene	9.704	165	254762	49.517	ng	90
52) Acenaphthene	9.945	154	1016894m	52.157	ng	
53) 3-Nitroaniline	9.875	138	175727	28.925	ng	# 89
54) 2,4-Dinitrophenol	9.987	184	259706	98.880	ng	89
55) Dibenzofuran	10.122	168	1291022	48.035	ng	98
56) 4-Nitrophenol	10.057	139	389657	86.937	ng	92
57) 2,4-Dinitrotoluene	10.110	165	333226	49.579	ng	99
58) Fluorene	10.463	166	1041633	48.438	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	250423	46.923	ng	94
60) Diethylphthalate	10.334	149	1097852	49.406	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	475397	50.145	ng	90
62) 4-Nitroaniline	10.498	138	275658	45.739	ng	94
63) Azobenzene	10.610	77	1074280	47.399	ng	94
65) 4,6-Dinitro-2-methylph...	10.522	198	174714	47.053	ng	82
66) n-Nitrosodiphenylamine	10.575	169	916325	46.772	ng	96
67) 4-Bromophenyl-phenylether	10.945	248	312105	48.449	ng	97
68) Hexachlorobenzene	11.010	284	342051	49.005	ng	98
69) Atrazine	11.104	200	315078	52.948	ng	96
70) Pentachlorophenol	11.216	266	317258	83.609	ng	99
71) Phenanthrene	11.428	178	1489255	46.376	ng	99
72) Anthracene	11.481	178	1544610	48.946	ng	99
73) Carbazole	11.639	167	1438223	48.414	ng	99
74) Di-n-butylphthalate	11.957	149	1766282	49.927	ng	99
75) Fluoranthene	12.622	202	1560700	47.966	ng	99
77) Benzidine	12.745	184	767658	58.285	ng	98
78) Pyrene	12.851	202	1570671	50.381	ng	98
80) Butylbenzylphthalate	13.457	149	717177	53.036	ng	97
81) Benzo(a)anthracene	14.039	228	1187409	46.625	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	323959	38.528	ng	98
83) Chrysene	14.074	228	1104357	46.012	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	996193	55.957	ng	99
85) Di-n-octyl phthalate	14.622	149	1408363	54.974	ng	96
87) Indeno(1,2,3-cd)pyrene	17.039	276	1211052	51.879	ng	100
88) Benzo(b)fluoranthene	15.098	252	1073136	46.670	ng	99
89) Benzo(k)fluoranthene	15.127	252	1032008	45.798	ng	100
90) Benzo(a)pyrene	15.469	252	940841	50.403	ng	97
91) Dibenzo(a,h)anthracene	17.057	278	1034191	54.432	ng	99
92) Benzo(g,h,i)perylene	17.504	276	1061878	54.695	ng	99

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

