

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
 Data File : BF128853.D
 Acq On : 17 Jun 2022 14:39
 Operator : CG\JU
 Sample : N3371-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-211MS

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 06/20/2022
 Supervised By : Jagrut Upadhyay 06/20/2022

Quant Time: Jun 18 05:06:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	96930	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	377812	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	180686	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	306423	20.000	ng	# 0.00
76) Chrysene-d12	13.962	240	192609	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	191262	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	680980	111.904	ng	0.01
7) Phenol-d6	6.445	99	876660	118.017	ng	0.00
23) Nitrobenzene-d5	7.351	82	630494	77.697	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	228469	107.016	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1056980	81.944	ng	0.00
79) Terphenyl-d14	12.898	244	911292	82.213	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.551	88	87253	38.622	ng	# 94
3) Pyridine	3.287	79	230407	38.392	ng	95
4) n-Nitrosodimethylamine	3.246	42	169908	40.826	ng	# 80
6) Aniline	6.445	93	264433	33.007	ng	# 52
8) 2-Chlorophenol	6.575	128	300106	48.196	ng	94
9) Benzaldehyde	6.334	77	170452	37.665	ng	94
10) Phenol	6.457	94	364334	46.399	ng	88
11) bis(2-Chloroethyl)ether	6.522	93	270104	46.943	ng	96
12) 1,3-Dichlorobenzene	6.722	146	328985	45.702	ng	97
13) 1,4-Dichlorobenzene	6.798	146	333914	45.929	ng	98
14) 1,2-Dichlorobenzene	6.951	146	318663	46.856	ng	98
15) Benzyl Alcohol	6.934	79	283494	45.613	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.057	45	420025	44.306	ng	# 1
17) 2-Methylphenol	7.057	107	241432	49.058	ng	# 85
18) Hexachloroethane	7.292	117	126456	46.752	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	227248	49.203	ng	97
20) 3+4-Methylphenols	7.210	107	315098	47.958	ng	# 82
22) Acetophenone	7.198	105	442099	44.740	ng	97
24) Nitrobenzene	7.369	77	345183	46.334	ng	96
25) Isophorone	7.610	82	600714	48.741	ng	97
26) 2-Nitrophenol	7.686	139	157393	47.951	ng	# 89
27) 2,4-Dimethylphenol	7.733	122	272477	54.495	ng	95
28) bis(2-Chloroethoxy)met...	7.816	93	352726	45.273	ng	97
29) 2,4-Dichlorophenol	7.939	162	263911	45.604	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	287296	44.090	ng	99
31) Naphthalene	8.092	128	887512	45.773	ng	99
32) Benzoic acid	7.892	122	98309	27.713	ng	90
33) 4-Chloroaniline	8.139	127	151935	20.783	ng	95
34) Hexachlorobutadiene	8.204	225	196378	42.495	ng	99
35) Caprolactam	8.528	113	77816m	48.627	ng	
36) 4-Chloro-3-methylphenol	8.651	107	283365	44.867	ng	97
37) 2-Methylnaphthalene	8.780	142	495509	40.178	ng	100
38) 1-Methylnaphthalene	8.880	142	471873	39.602	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	266060	47.413	ng	99
41) Hexachlorocyclopentadiene	8.933	237	190742	56.548	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	159314	41.982	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	167351	42.673	ng	95
46) 1,1'-Biphenyl	9.245	154	634300	46.787	ng	99
47) 2-Chloronaphthalene	9.275	162	482784	46.669	ng	99
48) 2-Nitroaniline	9.375	65	171243	48.408	ng	94
49) Acenaphthylene	9.686	152	783354	49.463	ng	100
50) Dimethylphthalate	9.551	163	588122	47.554	ng	100
51) 2,6-Dinitrotoluene	9.616	165	126716	51.912	ng	# 79
52) Acenaphthene	9.857	154	444742	43.123	ng	99
53) 3-Nitroaniline	9.786	138	87418	32.997	ng	97
54) 2,4-Dinitrophenol	9.904	184	101369	74.557	ng	# 88
55) Dibenzofuran	10.033	168	669766	45.187	ng	95
56) 4-Nitrophenol	9.986	139	115577	60.185	ng	# 76
57) 2,4-Dinitrotoluene	10.027	165	165711	50.869	ng	# 90
58) Fluorene	10.374	166	535459	46.583	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	121766	37.592	ng	97
60) Diethylphthalate	10.251	149	565227	45.472	ng	100
61) 4-Chlorophenyl-phenyle...	10.363	204	274021	45.961	ng	93
62) 4-Nitroaniline	10.410	138	115874	43.198	ng	89
63) Azobenzene	10.527	77	541682	44.266	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	82279	45.500	ng	92
66) n-Nitrosodiphenylamine	10.486	169	481415	51.115	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	172310	50.425	ng	97
68) Hexachlorobenzene	10.922	284	190200	50.119	ng	99
69) Atrazine	11.021	200	153164	50.570	ng	98
70) Pentachlorophenol	11.127	266	98122	51.796	ng	99
71) Phenanthrene	11.339	178	774406	50.386	ng	99
72) Anthracene	11.392	178	746613	49.079	ng	98
73) Carbazole	11.551	167	590347	41.782	ng	99
74) Di-n-butylphthalate	11.874	149	789444	45.889	ng	100
75) Fluoranthene	12.527	202	793281	49.377	ng	97
77) Benzidine	12.651	184	226049	58.874	ng	98
78) Pyrene	12.757	202	762726	53.226	ng	99
80) Butylbenzylphthalate	13.374	149	258597	42.972	ng	96
81) Benzo(a)anthracene	13.951	228	648469	54.012	ng	99
82) 3,3'-Dichlorobenzidine	13.910	252	99036	38.557	ng	99
83) Chrysene	13.986	228	608013	53.119	ng	98
84) Bis(2-ethylhexyl)phtha...	13.933	149	347426	44.408	ng	99
85) Di-n-octyl phthalate	14.551	149	603527	51.219	ng	97
87) Indeno(1,2,3-cd)pyrene	16.874	276	527173	45.730	ng	# 91
88) Benzo(b)fluoranthene	14.998	252	653666	53.485	ng	# 97
89) Benzo(k)fluoranthene	15.027	252	571230m	49.687	ng	
90) Benzo(a)pyrene	15.362	252	582366m	60.628	ng	
91) Dibenzo(a,h)anthracene	16.886	278	437798	45.785	ng	# 95
92) Benzo(g,h,i)perylene	17.309	276	427668	45.127	ng	# 92

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

