

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
 Data File : BF126024.D
 Acq On : 3 Nov 2021 17:35
 Operator : JU/CG
 Sample : PB140274BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB140274BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/04/2021
 Supervised By : mohammad ahmed 11/08/2021

Quant Time: Nov 04 10:09:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	197644	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	769003	20.00	ng	# 0.00
39) Acenaphthene-d10	9.892	164	473523	20.00	ng	0.00
64) Phenanthrene-d10	11.374	188	904782	20.00	ng	0.00
76) Chrysene-d12	14.010	240	667191	20.00	ng	# 0.00
86) Perylene-d12	15.468	264	472632	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1399742	121.62	ng	0.02
7) Phenol-d6	6.486	99	1834776	113.09	ng	0.00
23) Nitrobenzene-d5	7.422	82	1272744	78.05	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	686010	126.42	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2567364	73.27	ng	0.00
79) Terphenyl-d14	12.963	244	3135320	75.78	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	146365	30.58	ng	# 100
3) Pyridine	3.463	79	346434	26.90	ng	94
4) n-Nitrosodimethylamine	3.410	42	375986	41.64	ng	# 90
6) Aniline	6.516	93	677653	37.88	ng	# 86
8) 2-Chlorophenol	6.639	128	525062	42.69	ng	# 79
9) Benzaldehyde	6.404	77	373467	39.63	ng	90
10) Phenol	6.498	94	721920	43.52	ng	# 71
11) bis(2-Chloroethyl)ether	6.592	93	508040	42.05	ng	86
12) 1,3-Dichlorobenzene	6.792	146	569213	40.64	ng	# 91
13) 1,4-Dichlorobenzene	6.869	146	582111m	40.76	ng	
14) 1,2-Dichlorobenzene	7.022	146	559133	40.63	ng	95
15) Benzyl Alcohol	6.998	79	585713	42.27	ng	90
16) 2,2'-oxybis(1-Chloropr...	7.133	45	930559	41.88	ng	94
17) 2-Methylphenol	7.110	107	453981	43.38	ng	# 89
18) Hexachloroethane	7.369	117	225088	41.95	ng	# 81
19) n-Nitroso-di-n-propyla...	7.275	70	467551	43.71	ng	# 87
20) 3+4-Methylphenols	7.263	107	606595	42.87	ng	# 72
22) Acetophenone	7.269	105	874628	39.38	ng	# 90
24) Nitrobenzene	7.439	77	678110	41.99	ng	# 83
25) Isophorone	7.681	82	1190131	40.54	ng	# 87
26) 2-Nitrophenol	7.751	139	234977	41.79	ng	# 52
27) 2,4-Dimethylphenol	7.792	122	491064	45.88	ng	# 79
28) bis(2-Chloroethoxy)met...	7.886	93	665654	38.45	ng	# 95
29) 2,4-Dichlorophenol	7.992	162	495468	41.01	ng	95
30) 1,2,4-Trichlorobenzene	8.080	180	572804	38.88	ng	97
31) Naphthalene	8.157	128	1578681	39.63	ng	98
32) Benzoic acid	7.928	122	264810	41.43	ng	# 66
33) 4-Chloroaniline	8.204	127	451582	28.37	ng	# 87
34) Hexachlorobutadiene	8.280	225	384278	37.89	ng	99
35) Caprolactam	8.586	113	127525m	37.90	ng	
36) 4-Chloro-3-methylphenol	8.692	107	581189	41.71	ng	87
37) 2-Methylnaphthalene	8.851	142	1143703	41.57	ng	99
38) 1-Methylnaphthalene	8.951	142	1057294	39.68	ng	98
40) 1,2,4,5-Tetrachloroben...	9.016	216	619171	39.02	ng	98
41) Hexachlorocyclopentadiene	9.010	237	835246	101.30	ng	98
43) 2,4,6-Trichlorophenol	9.127	196	399760	41.60	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	426274	41.06	ng	92
46) 1,1'-Biphenyl	9.316	154	1397241	38.18	ng	98
47) 2-Chloronaphthalene	9.339	162	1111625	38.59	ng	98
48) 2-Nitroaniline	9.433	65	398912	42.67	ng	# 72
49) Acenaphthylene	9.757	152	1764721	40.51	ng	98
50) Dimethylphthalate	9.622	163	1397937	40.55	ng	# 98
51) 2,6-Dinitrotoluene	9.675	165	273777	46.33	ng	# 60
52) Acenaphthene	9.927	154	1114817	40.57	ng	98
53) 3-Nitroaniline	9.845	138	207622	34.27	ng	# 66
54) 2,4-Dinitrophenol	9.951	184	232165	76.21	ng	# 85
55) Dibenzofuran	10.098	168	1624186	39.26	ng	98
56) 4-Nitrophenol	10.010	139	418527	87.54	ng	# 48
57) 2,4-Dinitrotoluene	10.080	165	365364	43.26	ng	# 80
58) Fluorene	10.439	166	1349859	40.65	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	371325	42.24	ng	# 91
60) Diethylphthalate	10.316	149	1412041	40.84	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	706238	39.76	ng	91
62) 4-Nitroaniline	10.463	138	277235	43.88	ng	# 81
63) Azobenzene	10.592	77	1474350	39.27	ng	93
65) 4,6-Dinitro-2-methylph...	10.486	198	153701	37.49	ng	92
66) n-Nitrosodiphenylamine	10.551	169	1143174	39.68	ng	97
67) 4-Bromophenyl-phenylether	10.921	248	438819	40.04	ng	98
68) Hexachlorobenzene	10.986	284	481634	42.07	ng	93
69) Atrazine	11.080	200	441011	43.27	ng	93
70) Pentachlorophenol	11.180	266	554037	89.81	ng	94
71) Phenanthrene	11.404	178	1955998	39.86	ng	98
72) Anthracene	11.451	178	2011360	41.06	ng	98
73) Carbazole	11.604	167	1683823	37.06	ng	99
74) Di-n-butylphthalate	11.939	149	2143267	40.49	ng	# 98
75) Fluoranthene	12.586	202	2207166	40.40	ng	96
77) Benzidine	12.704	184	862012m	38.65	ng	
78) Pyrene	12.815	202	2176080	40.67	ng	95
80) Butylbenzylphthalate	13.433	149	851115	43.67	ng	# 83
81) Benzo(a)anthracene	14.004	228	1827529	39.87	ng	99
82) 3,3'-Dichlorobenzidine	13.962	252	465113	34.77	ng	99
83) Chrysene	14.039	228	1734692	40.67	ng	97
84) Bis(2-ethylhexyl)phtha...	13.998	149	1226046	45.39	ng	# 99
85) Di-n-octyl phthalate	14.609	149	1782163	46.44	ng	# 98
87) Indeno(1,2,3-cd)pyrene	16.927	276	1202298	42.98	ng	# 84
88) Benzo(b)fluoranthene	15.051	252	1407194	45.77	ng	# 94
89) Benzo(k)fluoranthene	15.080	252	1257527	42.17	ng	# 97
90) Benzo(a)pyrene	15.409	252	1219016	50.33	ng	# 93
91) Dibenzo(a,h)anthracene	16.951	278	1014302	44.14	ng	# 91
92) Benzo(g,h,i)perylene	17.374	276	980669	44.50	ng	# 80

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

