

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122821\
 Data File : BF126380.D
 Acq On : 28 Dec 2021 14:19
 Operator : JU/CG
 Sample : PB141705BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB141705BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/28/2021
 Supervised By :mohammad ahmed 12/30/2021

Quant Time: Dec 28 14:59:59 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	145907	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	824697	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	292821	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	444568	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	233264	20.000	ng	0.00
86) Perylene-d12	15.427	264	261236	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	1299728	131.182	ng	0.01
7) Phenol-d6	6.451	99	1598251	127.043	ng	0.00
23) Nitrobenzene-d5	7.381	82	1147996	75.391	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	297049	126.230	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1260239	75.483	ng	0.00
79) Terphenyl-d14	12.927	244	974342	72.601	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	220366	45.565	ng	# 100
3) Pyridine	3.346	79	499672	38.904	ng	# 76
4) n-Nitrosodimethylamine	3.298	42	296043	59.974	ng	# 1
6) Aniline	6.475	93	628047	39.303	ng	96
8) 2-Chlorophenol	6.598	128	531801	52.930	ng	88
9) Benzaldehyde	6.357	77	150867	19.873	ng	94
10) Phenol	6.463	94	655414	46.412	ng	97
11) bis(2-Chloroethyl)ether	6.551	93	511457	46.660	ng	98
12) 1,3-Dichlorobenzene	6.751	146	432647	42.688	ng	98
13) 1,4-Dichlorobenzene	6.828	146	437087	42.706	ng	94
14) 1,2-Dichlorobenzene	6.981	146	422694	44.667	ng	96
15) Benzyl Alcohol	6.957	79	397796	43.314	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.092	45	770645	42.962	ng	94
17) 2-Methylphenol	7.069	107	370620	42.108	ng	96
18) Hexachloroethane	7.328	117	212273	52.727	ng	96
19) n-Nitroso-di-n-propyla...	7.234	70	338457	43.824	ng	# 73
20) 3+4-Methylphenols	7.222	107	429229	41.250	ng	# 79
22) Acetophenone	7.228	105	629227	33.152	ng	93
24) Nitrobenzene	7.398	77	629692	41.424	ng	92
25) Isophorone	7.639	82	1198441	41.677	ng	# 88
26) 2-Nitrophenol	7.710	139	308423	45.008	ng	# 81
27) 2,4-Dimethylphenol	7.751	122	550438	47.299	ng	95
28) bis(2-Chloroethoxy)met...	7.851	93	777656	41.133	ng	# 97
29) 2,4-Dichlorophenol	7.957	162	432432	41.803	ng	93
30) 1,2,4-Trichlorobenzene	8.039	180	460649	43.052	ng	99
31) Naphthalene	8.122	128	1565948	40.603	ng	98
32) Benzoic acid	7.898	122	403811	40.278	ng	90
33) 4-Chloroaniline	8.163	127	348046	21.613	ng	96
34) Hexachlorobutadiene	8.239	225	212970	40.527	ng	99
35) Caprolactam	8.545	113	168677m	65.612	ng	
36) 4-Chloro-3-methylphenol	8.651	107	501014	41.059	ng	89
37) 2-Methylnaphthalene	8.810	142	995497	41.913	ng	97
38) 1-Methylnaphthalene	8.910	142	754072	32.715	ng	94
40) 1,2,4,5-Tetrachloroben...	8.980	216	277083	43.843	ng	# 96
41) Hexachlorocyclopentadiene	8.969	237	340650	94.127	ng	94
43) 2,4,6-Trichlorophenol	9.092	196	202781	40.789	ng	92

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44) 2,4,5-Trichlorophenol	9.133	196	215266	41.813	ng	94
46) 1,1'-Biphenyl	9.275	154	927737	42.849	ng	97
47) 2-Chloronaphthalene	9.298	162	677777	41.606	ng	95
48) 2-Nitroaniline	9.398	65	242898	40.851	ng	95
49) Acenaphthylene	9.716	152	1052289	42.274	ng	98
50) Dimethylphthalate	9.580	163	772889	41.668	ng	98
51) 2,6-Dinitrotoluene	9.639	165	170908	42.570	ng	# 84
52) Acenaphthene	9.886	154	650049	40.269	ng	99
53) 3-Nitroaniline	9.804	138	145366	28.487	ng	# 72
54) 2,4-Dinitrophenol	9.916	184	186033	112.536	ng	# 85
55) Dibenzofuran	10.063	168	884896	40.263	ng	99
56) 4-Nitrophenol	9.975	139	292668	79.400	ng	# 80
57) 2,4-Dinitrotoluene	10.045	165	219888	42.936	ng	# 96
58) Fluorene	10.404	166	646838	40.654	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	163090	42.724	ng	# 99
60) Diethylphthalate	10.280	149	730045	39.164	ng	98
61) 4-Chlorophenyl-phenyle...	10.392	204	288002	40.202	ng	97
62) 4-Nitroaniline	10.422	138	194688	45.481	ng	# 76
63) Azobenzene	10.557	77	847897	37.554	ng	86
65) 4,6-Dinitro-2-methylph...	10.451	198	112941	46.523	ng	93
66) n-Nitrosodiphenylamine	10.516	169	600202	42.067	ng	97
67) 4-Bromophenyl-phenylether	10.886	248	189864	45.505	ng	98
68) Hexachlorobenzene	10.951	284	220620	45.975	ng	# 86
69) Atrazine	11.045	200	173216	66.248	ng	97
70) Pentachlorophenol	11.145	266	222696	83.651	ng	92
71) Phenanthrene	11.363	178	963717	42.000	ng	98
72) Anthracene	11.416	178	979910	42.548	ng	98
73) Carbazole	11.569	167	850632	39.219	ng	98
74) Di-n-butylphthalate	11.904	149	1037929	37.750	ng	100
75) Fluoranthene	12.551	202	833916	40.338	ng	95
77) Benzidine	12.668	184	283485	77.086	ng	98
78) Pyrene	12.780	202	839329	39.165	ng	97
80) Butylbenzylphthalate	13.398	149	343894	34.100	ng	# 83
81) Benzo(a)anthracene	13.968	228	540660	39.129	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	184328	29.200	ng	# 98
83) Chrysene	14.004	228	575400	40.080	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	393438	34.912	ng	99
85) Di-n-octyl phthalate	14.574	149	790753	39.362	ng	98
87) Indeno(1,2,3-cd)pyrene	16.868	276	811207	46.555	ng	98
88) Benzo(b)fluoranthene	15.009	252	674753	42.988	ng	99
89) Benzo(k)fluoranthene	15.039	252	641327	42.711	ng	# 97
90) Benzo(a)pyrene	15.368	252	665004	50.975	ng	97
91) Dibenzo(a,h)anthracene	16.886	278	688537	48.609	ng	98
92) Benzo(g,h,i)perylene	17.303	276	730501	49.845	ng	97

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

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