

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021022\
 Data File : BF126838.D
 Acq On : 10 Feb 2022 12:39
 Operator : CG\JU
 Sample : N1400-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KTS1-WC-S-MH-01-02-0-15MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/11/2022
 Supervised By : Jagrut Upadhyay 02/11/2022

Quant Time: Feb 10 15:09:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 10 00:44:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	105927	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	434479	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	221475	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	386949	20.000	ng	0.00
76) Chrysene-d12	14.122	240	211197	20.000	ng	0.00
86) Perylene-d12	15.627	264	183056	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	854701	124.231	ng	0.02
7) Phenol-d6	6.569	99	1091603	117.531	ng	0.00
23) Nitrobenzene-d5	7.504	82	846048	89.847	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	327973	138.131	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1278841	86.918	ng	0.00
79) Terphenyl-d14	13.063	244	1340140	90.967	ng	0.00
Target Compounds						
						Qvalue
3) Pyridine	3.652	79	242388	27.778	ng	98
4) n-Nitrosodimethylamine	3.610	42	194375	47.441	ng	99
6) Aniline	6.604	93	181856	16.258	ng	99
8) 2-Chlorophenol	6.728	128	355074	48.489	ng	99
9) Benzaldehyde	6.498	77	199992	35.415	ng	97
10) Phenol	6.581	94	437571	46.741	ng	97
11) bis(2-Chloroethyl)ether	6.681	93	358044	48.037	ng	98
12) 1,3-Dichlorobenzene	6.881	146	357471	44.862	ng	96
13) 1,4-Dichlorobenzene	6.957	146	367145	45.591	ng	97
14) 1,2-Dichlorobenzene	7.110	146	352072	46.397	ng	99
15) Benzyl Alcohol	7.081	79	354657	48.319	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.210	45	570185	46.800	ng	98
17) 2-Methylphenol	7.187	107	310772	48.505	ng	98
18) Hexachloroethane	7.451	117	139947	45.895	ng	98
19) n-Nitroso-di-n-propyla...	7.351	70	282449	48.023	ng	98
20) 3+4-Methylphenols	7.340	107	377330	45.907	ng	# 89
22) Acetophenone	7.351	105	520036	46.258	ng	# 99
24) Nitrobenzene	7.522	77	429728	48.243	ng	98
25) Isophorone	7.763	82	782350	49.590	ng	99
26) 2-Nitrophenol	7.840	139	184639	49.525	ng	94
27) 2,4-Dimethylphenol	7.869	122	336267	53.466	ng	99
28) bis(2-Chloroethoxy)met...	7.969	93	448187	45.758	ng	98
29) 2,4-Dichlorophenol	8.075	162	276467	46.751	ng	96
30) 1,2,4-Trichlorobenzene	8.163	180	291704	44.627	ng	99
31) Naphthalene	8.245	128	1043314	46.301	ng	100
32) Benzoic acid	7.981	122	222536	50.094	ng	99
33) 4-Chloroaniline	8.287	127	50312	5.671	ng	99
34) Hexachlorobutadiene	8.357	225	160129	43.004	ng	99
35) Caprolactam	8.663	113	87223m	42.966	ng	
36) 4-Chloro-3-methylphenol	8.769	107	361811	48.608	ng	98
37) 2-Methylnaphthalene	8.940	142	682776	47.415	ng	98
38) 1-Methylnaphthalene	9.040	142	652785	46.852	ng	100
40) 1,2,4,5-Tetrachloroben...	9.098	216	260419	45.037	ng	99
41) Hexachlorocyclopentadiene	9.087	237	330940	101.594	ng	99
43) 2,4,6-Trichlorophenol	9.210	196	188365	45.159	ng	98
44) 2,4,5-Trichlorophenol	9.251	196	205517	46.555	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.404	154	818703	46.604	ng	98
47) 2-Chloronaphthalene	9.428	162	597258	46.032	ng	98
48) 2-Nitroaniline	9.522	65	252425	50.152	ng	98
49) Acenaphthylene	9.845	152	1023488	48.407	ng	99
50) Dimethylphthalate	9.704	163	737623	47.061	ng	100
51) 2,6-Dinitrotoluene	9.763	165	160650	50.629	ng	# 78
52) Acenaphthene	10.016	154	713779m	52.793	ng	
53) 3-Nitroaniline	9.934	138	79629	20.574	ng	96
54) 2,4-Dinitrophenol	10.039	184	179550	98.280	ng	# 79
55) Dibenzofuran	10.192	168	845960	45.443	ng	100
56) 4-Nitrophenol	10.092	139	269578	96.982	ng	97
57) 2,4-Dinitrotoluene	10.169	165	220330	52.520	ng	94
58) Fluorene	10.534	166	667887	46.773	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.304	232	161842	46.802	ng	99
60) Diethylphthalate	10.404	149	753912	46.635	ng	99
61) 4-Chlorophenyl-phenyle...	10.522	204	304696	45.521	ng	98
62) 4-Nitroaniline	10.557	138	176453	48.492	ng	95
63) Azobenzene	10.686	77	846766	46.009	ng	99
65) 4,6-Dinitro-2-methylph...	10.575	198	105227	47.579	ng	98
66) n-Nitrosodiphenylamine	10.645	169	587427	46.404	ng	99
67) 4-Bromophenyl-phenylether	11.016	248	190293	45.253	ng	98
68) Hexachlorobenzene	11.081	284	208978	46.142	ng	99
69) Atrazine	11.169	200	189035	48.928	ng	99
70) Pentachlorophenol	11.275	266	246668	98.623	ng	97
71) Phenanthrene	11.504	178	995774	46.444	ng	100
72) Anthracene	11.551	178	1019340	47.583	ng	100
73) Carbazole	11.704	167	891524	45.720	ng	100
74) Di-n-butylphthalate	12.028	149	1153613	45.889	ng	100
75) Fluoranthene	12.692	202	954072	47.573	ng	99
77) Benzidine	12.810	184	103699	18.660	ng	99
78) Pyrene	12.922	202	949250	49.521	ng	99
80) Butylbenzylphthalate	13.533	149	437752	49.865	ng	98
81) Benzo(a)anthracene	14.110	228	664960	46.477	ng	99
82) 3,3'-Dichlorobenzidine	14.069	252	108052	25.359	ng	98
83) Chrysene	14.145	228	630340	46.918	ng	98
84) Bis(2-ethylhexyl)phtha...	14.086	149	563348	49.492	ng	99
85) Di-n-octyl phthalate	14.704	149	789738	50.544	ng	100
87) Indeno(1,2,3-cd)pyrene	17.174	276	671853	51.476	ng	99
88) Benzo(b)fluoranthene	15.180	252	555588	47.513	ng	100
89) Benzo(k)fluoranthene	15.210	252	549005	45.474	ng	99
90) Benzo(a)pyrene	15.563	252	534921	56.060	ng	97
91) Dibenzo(a,h)anthracene	17.192	278	571571	52.731	ng	99
92) Benzo(g,h,i)perylene	17.645	276	581151	53.895	ng	97

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

