

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
 Data File : BF127219.D
 Acq On : 07 Mar 2022 13:02
 Operator : CG\JU
 Sample : N1751-05MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUM-13MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/08/2022
 Supervised By : Jagrut Upadhyay 03/08/2022

Quant Time: Mar 07 14:58:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	91355	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	370322	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	183818	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	317870	20.000	ng	# 0.00
76) Chrysene-d12	14.062	240	146463	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	148017	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	688733	116.522	ng	0.01
7) Phenol-d6	6.516	99	919247	115.256	ng	0.00
23) Nitrobenzene-d5	7.451	82	624749	76.149	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	271481	128.274	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1005667	80.541	ng	0.00
79) Terphenyl-d14	13.004	244	921941	92.535	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.704	88	99385	36.745	ng	98
3) Pyridine	3.469	79	280444	39.531	ng	95
4) n-Nitrosodimethylamine	3.440	42	154695	44.514	ng	77
6) Aniline	6.545	93	239136	25.306	ng	92
8) 2-Chlorophenol	6.669	128	313499	49.432	ng	93
9) Benzaldehyde	6.434	77	200220	41.241	ng	99
10) Phenol	6.534	94	409654m	50.833	ng	
11) bis(2-Chloroethyl)ether	6.616	93	293312	46.404	ng	100
12) 1,3-Dichlorobenzene	6.822	146	324710	47.464	ng	99
13) 1,4-Dichlorobenzene	6.898	146	323165	46.595	ng	97
14) 1,2-Dichlorobenzene	7.051	146	314562	47.560	ng	97
15) Benzyl Alcohol	7.022	79	281936	41.960	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.151	45	383060	38.486	ng	85
17) 2-Methylphenol	7.133	107	265911	48.462	ng	# 92
18) Hexachloroethane	7.386	117	124572	46.858	ng	95
19) n-Nitroso-di-n-propyla...	7.292	70	229736	44.702	ng	97
20) 3+4-Methylphenols	7.286	107	330014	46.317	ng	90
22) Acetophenone	7.292	105	437126	44.832	ng	# 97
24) Nitrobenzene	7.469	77	355732	45.898	ng	99
25) Isophorone	7.704	82	640093	47.149	ng	# 96
26) 2-Nitrophenol	7.781	139	163897	49.668	ng	# 82
27) 2,4-Dimethylphenol	7.816	122	284070m	52.402	ng	
28) bis(2-Chloroethoxy)met...	7.910	93	370225	44.982	ng	99
29) 2,4-Dichlorophenol	8.022	162	245619	48.192	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	262847	46.129	ng	99
31) Naphthalene	8.186	128	882760	45.664	ng	99
32) Benzoic acid	7.951	122	181329	47.165	ng	87
33) 4-Chloroaniline	8.233	127	66664	8.761	ng	98
34) Hexachlorobutadiene	8.292	225	151912	45.666	ng	97
35) Caprolactam	8.616	113	83651m	47.000	ng	
36) 4-Chloro-3-methylphenol	8.727	107	308566	47.372	ng	97
37) 2-Methylnaphthalene	8.880	142	578474	46.116	ng	98
38) 1-Methylnaphthalene	8.980	142	553620	46.089	ng	97
40) 1,2,4,5-Tetrachloroben...	9.045	216	243260	50.273	ng	98
41) Hexachlorocyclopentadiene	9.027	237	235456	89.720	ng	96
43) 2,4,6-Trichlorophenol	9.157	196	171145	48.224	ng	97

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44) 2,4,5-Trichlorophenol	9.204	196	183658	49.178	ng	94
46) 1,1'-Biphenyl	9.345	154	699792	48.051	ng	97
47) 2-Chloronaphthalene	9.369	162	521987	48.333	ng	95
48) 2-Nitroaniline	9.469	65	195023	45.761	ng	97
49) Acenaphthylene	9.786	152	881364	50.241	ng	99
50) Dimethylphthalate	9.645	163	618543	47.077	ng	98
51) 2,6-Dinitrotoluene	9.716	165	139002	51.998	ng	98
52) Acenaphthene	9.963	154	604946m	53.024	ng	
53) 3-Nitroaniline	9.880	138	65748	20.121	ng	97
54) 2,4-Dinitrophenol	9.998	184	142609	100.790	ng	# 81
55) Dibenzofuran	10.133	168	728310	46.424	ng	93
56) 4-Nitrophenol	10.057	139	209161	86.665	ng	# 82
57) 2,4-Dinitrotoluene	10.122	165	180007	49.803	ng	# 97
58) Fluorene	10.474	166	581608	47.594	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	144158	48.690	ng	90
60) Diethylphthalate	10.345	149	645555	47.021	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	274753	47.682	ng	94
62) 4-Nitroaniline	10.504	138	138635	42.964	ng	# 77
63) Azobenzene	10.627	77	650261	42.535	ng	94
65) 4,6-Dinitro-2-methylph...	10.527	198	89489	47.914	ng	87
66) n-Nitrosodiphenylamine	10.586	169	506631	48.606	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	175047	49.287	ng	96
68) Hexachlorobenzene	11.021	284	195682	51.180	ng	95
69) Atrazine	11.116	200	161945	50.095	ng	98
70) Pentachlorophenol	11.221	266	186562	89.387	ng	98
71) Phenanthrene	11.445	178	876538	49.266	ng	99
72) Anthracene	11.498	178	862641	48.704	ng	99
73) Carbazole	11.651	167	701008	43.158	ng	99
74) Di-n-butylphthalate	11.968	149	978389	46.855	ng	99
75) Fluoranthene	12.633	202	789016	46.706	ng	95
77) Benzidine	12.757	184	176343	44.305	ng	96
78) Pyrene	12.863	202	753054	59.181	ng	98
80) Butylbenzylphthalate	13.474	149	296147	49.162	ng	# 85
81) Benzo(a)anthracene	14.051	228	507780	51.426	ng	98
82) 3,3'-Dichlorobenzidine	14.015	252	109578	35.214	ng	# 96
83) Chrysene	14.092	228	466119	50.200	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	366500	46.341	ng	# 96
85) Di-n-octyl phthalate	14.645	149	495965	43.555	ng	97
87) Indeno(1,2,3-cd)pyrene	17.068	276	546862	56.345	ng	# 84
88) Benzo(b)fluoranthene	15.115	252	486430	48.930	ng	# 93
89) Benzo(k)fluoranthene	15.145	252	446830	46.600	ng	# 95
90) Benzo(a)pyrene	15.492	252	461092m	59.379	ng	
91) Dibenzo(a,h)anthracene	17.086	278	460340	57.348	ng	# 90
92) Benzo(g,h,i)perylene	17.533	276	457799	57.850	ng	# 85

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

