

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
 Data File : BF128993.D
 Acq On : 24 Jun 2022 16:59
 Operator : CG\JU
 Sample : N3431-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-2-2MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/27/2022
 Supervised By : Jagrut Upadhyay 06/27/2022

Quant Time: Jun 25 06:14:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:50:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	117601	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	457214	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	244615	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	393179	20.000	ng	0.00
76) Chrysene-d12	13.898	240	172051	20.000	ng	0.00
86) Perylene-d12	15.339	264	157216	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	896116	121.373	ng	0.02
7) Phenol-d6	6.392	99	1080121	119.848	ng	0.00
23) Nitrobenzene-d5	7.298	82	886966	90.321	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	338766	117.210	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1563421	89.530	ng	0.00
79) Terphenyl-d14	12.839	244	1323616	133.679	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	116628	42.550	ng	# 83
3) Pyridine	3.334	79	224450	30.826	ng	92
4) n-Nitrosodimethylamine	3.240	42	221818	43.930	ng	# 85
6) Aniline	6.392	93	150312	15.465	ng	# 1
8) 2-Chlorophenol	6.522	128	391769	51.857	ng	96
9) Benzaldehyde	6.281	77	127849	23.285	ng	95
10) Phenol	6.404	94	414455	43.505	ng	81
11) bis(2-Chloroethyl)ether	6.469	93	391867	56.135	ng	99
12) 1,3-Dichlorobenzene	6.663	146	381527	43.684	ng	98
13) 1,4-Dichlorobenzene	6.739	146	385127	43.662	ng	98
14) 1,2-Dichlorobenzene	6.892	146	355695	43.108	ng	97
15) Benzyl Alcohol	6.887	79	379092	50.274	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.004	45	607698	52.836	ng	# 8
17) 2-Methylphenol	7.163	107	402937	67.484	ng	# 82
18) Hexachloroethane	7.234	117	146803	44.734	ng	99
19) n-Nitroso-di-n-propyla...	7.151	70	300754	53.672	ng	97
20) 3+4-Methylphenols	7.163	107	402937	50.548	ng	# 81
22) Acetophenone	7.145	105	588613	49.222	ng	# 96
24) Nitrobenzene	7.316	77	448890	49.790	ng	96
25) Isophorone	7.557	82	820230	54.995	ng	96
26) 2-Nitrophenol	7.634	139	207469	52.230	ng	94
27) 2,4-Dimethylphenol	7.681	122	352058	58.183	ng	96
28) bis(2-Chloroethoxy)met...	7.763	93	481532	51.072	ng	98
29) 2,4-Dichlorophenol	7.886	162	341463	48.758	ng	99
30) 1,2,4-Trichlorobenzene	7.951	180	335431	42.538	ng	100
31) Naphthalene	8.034	128	1094961	46.665	ng	99
32) Benzoic acid	7.857	122	179962	41.920	ng	93
33) 4-Chloroaniline	8.086	127	135607	15.328	ng	97
34) Hexachlorobutadiene	8.145	225	220253	39.385	ng	98
35) Caprolactam	8.492	113	86297m	44.562	ng	
36) 4-Chloro-3-methylphenol	8.598	107	371473	48.603	ng	96
37) 2-Methylnaphthalene	8.722	142	725816	48.632	ng	100
38) 1-Methylnaphthalene	8.822	142	685795	47.560	ng	98
40) 1,2,4,5-Tetrachloroben...	8.892	216	378832	49.866	ng	99
41) Hexachlorocyclopentadiene	8.875	237	100576	22.024	ng	97
43) 2,4,6-Trichlorophenol	9.016	196	236844	46.102	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	239117	45.038	ng	# 94
46) 1,1'-Biphenyl	9.192	154	879516	47.920	ng	99
47) 2-Chloronaphthalene	9.216	162	697504	49.804	ng	98
48) 2-Nitroaniline	9.322	65	261248	54.550	ng	94
49) Acenaphthylene	9.633	152	1011697	47.186	ng	99
50) Dimethylphthalate	9.498	163	901931	53.868	ng	100
51) 2,6-Dinitrotoluene	9.569	165	181781	55.008	ng	91
52) Acenaphthene	9.804	154	634763	45.462	ng	100
53) 3-Nitroaniline	9.733	138	98245	27.392	ng	98
54) 2,4-Dinitrophenol	9.857	184	148191	80.510	ng	90
55) Dibenzofuran	9.975	168	907450	45.222	ng	95
56) 4-Nitrophenol	9.939	139	145542	55.981	ng	81
57) 2,4-Dinitrotoluene	9.975	165	218801	49.612	ng	# 70
58) Fluorene	10.316	166	744467	47.839	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.104	232	194998	44.467	ng	97
60) Diethylphthalate	10.198	149	845538	50.246	ng	100
61) 4-Chlorophenyl-phenyle...	10.310	204	372726	46.178	ng	95
62) 4-Nitroaniline	10.357	138	153247	42.200	ng	89
63) Azobenzene	10.469	77	800432	48.316	ng	97
65) 4,6-Dinitro-2-methylph...	10.386	198	105889	45.635	ng	92
66) n-Nitrosodiphenylamine	10.433	169	695598	57.559	ng	98
67) 4-Bromophenyl-phenylether	10.798	248	235495	53.709	ng	98
68) Hexachlorobenzene	10.863	284	249242	51.185	ng	99
69) Atrazine	10.969	200	212023	54.557	ng	98
70) Pentachlorophenol	11.075	266	174708	71.875	ng	99
71) Phenanthrene	11.280	178	971663	49.270	ng	99
72) Anthracene	11.333	178	986114	50.519	ng	99
73) Carbazole	11.492	167	833584	45.979	ng	99
74) Di-n-butylphthalate	11.816	149	1176573	53.302	ng	99
75) Fluoranthene	12.469	202	899920	43.655	ng	98
77) Benzidine	12.592	184	111254	32.438	ng	98
78) Pyrene	12.698	202	876458	68.471	ng	98
80) Butylbenzylphthalate	13.316	149	296831	55.219	ng	99
81) Benzo(a)anthracene	13.892	228	572666	53.398	ng	99
82) 3,3'-Dichlorobenzidine	13.851	252	153894	67.073	ng	99
83) Chrysene	13.927	228	531933	52.025	ng	100
84) Bis(2-ethylhexyl)phtha...	13.874	149	399146	57.115	ng	100
85) Di-n-octyl phthalate	14.486	149	638268	60.640	ng	100
87) Indeno(1,2,3-cd)pyrene	16.756	276	434268	45.829	ng	# 92
88) Benzo(b)fluoranthene	14.927	252	542480	54.000	ng	# 97
89) Benzo(k)fluoranthene	14.957	252	513433	54.331	ng	# 96
90) Benzo(a)pyrene	15.280	252	446032	56.490	ng	# 97
91) Dibenzo(a,h)anthracene	16.762	278	391169	49.767	ng	# 96
92) Benzo(g,h,i)perylene	17.180	276	349153	44.821	ng	# 92

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

