

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072622\
 Data File : BF129365.D
 Acq On : 26 Jul 2022 20:31
 Operator : CG\JU
 Sample : N3886-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WH-1MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/27/2022
 Supervised By : Jagrut Upadhyay 07/27/2022

Quant Time: Jul 27 00:41:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	224383	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	872921	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	408856	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	567141	20.000	ng	0.00
76) Chrysene-d12	14.062	240	422553	20.000	ng	0.00
86) Perylene-d12	15.551	264	423586	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1635039	118.702	ng	0.01
7) Phenol-d6	6.516	99	2088155	120.609	ng	0.00
23) Nitrobenzene-d5	7.451	82	1290896	80.727	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	413555	105.208	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2059981	77.942	ng	0.00
79) Terphenyl-d14	12.998	244	1464795	65.399	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	255533	41.117	ng	89
3) Pyridine	3.498	79	708929	41.077	ng	88
4) n-Nitrosodimethylamine	3.446	42	356369	47.023	ng	88
6) Aniline	6.551	93	726145	33.737	ng	99
8) 2-Chlorophenol	6.669	128	727575	48.348	ng	99
9) Benzaldehyde	6.434	77	364695	31.018	ng	95
10) Phenol	6.534	94	852550m	46.241	ng	
11) bis(2-Chloroethyl)ether	6.622	93	697182	47.681	ng	92
12) 1,3-Dichlorobenzene	6.828	146	736753	45.648	ng	96
13) 1,4-Dichlorobenzene	6.904	146	752841	45.865	ng	100
14) 1,2-Dichlorobenzene	7.057	146	717971	47.587	ng	99
15) Benzyl Alcohol	7.028	79	599740	47.763	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1021836	46.491	ng	92
17) 2-Methylphenol	7.139	107	562228	45.035	ng	98
18) Hexachloroethane	7.398	117	285507	46.194	ng	94
19) n-Nitroso-di-n-propyla...	7.298	70	475138	45.331	ng	94
20) 3+4-Methylphenols	7.286	107	673531	42.432	ng	95
22) Acetophenone	7.298	105	935479	46.030	ng	# 97
24) Nitrobenzene	7.469	77	737127	44.765	ng	96
25) Isophorone	7.704	82	1356022	47.308	ng	99
26) 2-Nitrophenol	7.786	139	382046	47.030	ng	90
27) 2,4-Dimethylphenol	7.816	122	634949	52.107	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	828738	49.840	ng	99
29) 2,4-Dichlorophenol	8.028	162	561425	44.639	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	568812	43.694	ng	98
31) Naphthalene	8.192	128	1942258	43.794	ng	99
32) Benzoic acid	7.939	122	368901	41.877	ng	97
33) 4-Chloroaniline	8.233	127	254052	13.953	ng	97
34) Hexachlorobutadiene	8.304	225	340306	45.987	ng	98
35) Caprolactam	8.616	113	180600m	44.168	ng	
36) 4-Chloro-3-methylphenol	8.722	107	589810	44.215	ng	93
37) 2-Methylnaphthalene	8.880	142	1254181	43.516	ng	100
38) 1-Methylnaphthalene	8.980	142	1175833	42.262	ng	97
40) 1,2,4,5-Tetrachloroben...	9.045	216	527580	49.143	ng	98
41) Hexachlorocyclopentadiene	9.033	237	473152	98.975	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	364832	46.789	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	382876	45.153	ng	96
46) 1,1'-Biphenyl	9.345	154	1467061	49.167	ng	100
47) 2-Chloronaphthalene	9.375	162	1145287	47.480	ng	97
48) 2-Nitroaniline	9.469	65	364481	45.441	ng	93
49) Acenaphthylene	9.792	152	1689768	46.103	ng	99
50) Dimethylphthalate	9.645	163	1340970	47.511	ng	99
51) 2,6-Dinitrotoluene	9.710	165	295523	46.781	ng	94
52) Acenaphthene	9.963	154	1134505m	47.391	ng	
53) 3-Nitroaniline	9.880	138	194578	26.084	ng	# 91
54) 2,4-Dinitrophenol	9.986	184	217746	67.519	ng	96
55) Dibenzofuran	10.133	168	1484519	44.985	ng	97
56) 4-Nitrophenol	10.045	139	422499	76.771	ng	99
57) 2,4-Dinitrotoluene	10.116	165	360373	43.668	ng	97
58) Fluorene	10.474	166	1120280	42.428	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	265863	40.572	ng	92
60) Diethylphthalate	10.345	149	1234059	45.230	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	523843	45.001	ng	95
62) 4-Nitroaniline	10.498	138	259446	35.060	ng	94
63) Azobenzene	10.627	77	1179529	42.385	ng	96
65) 4,6-Dinitro-2-methylph...	10.522	198	146575	40.947	ng	96
66) n-Nitrosodiphenylamine	10.586	169	972692	51.500	ng	96
67) 4-Bromophenyl-phenylether	10.957	248	316861	51.021	ng	96
68) Hexachlorobenzene	11.022	284	321492	47.776	ng	96
69) Atrazine	11.110	200	294939	51.411	ng	96
70) Pentachlorophenol	11.222	266	322773	88.234	ng	99
71) Phenanthrene	11.439	178	1410679	45.566	ng	99
72) Anthracene	11.492	178	1398662	45.973	ng	99
73) Carbazole	11.645	167	1269309	44.321	ng	99
74) Di-n-butylphthalate	11.969	149	1603803	47.024	ng	100
75) Fluoranthene	12.633	202	1377527	43.915	ng	99
77) Benzidine	12.751	184	595466	39.890	ng	99
78) Pyrene	12.863	202	1387580	39.269	ng	98
80) Butylbenzylphthalate	13.474	149	619912	40.447	ng	93
81) Benzo(a)anthracene	14.051	228	1313714	45.513	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	398468	41.811	ng	# 98
83) Chrysene	14.086	228	1230291	45.225	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	872021	43.217	ng	99
85) Di-n-octyl phthalate	14.645	149	1536135	52.904	ng	97
87) Indeno(1,2,3-cd)pyrene	17.056	276	1092223	38.290	ng	99
88) Benzo(b)fluoranthene	15.115	252	1374598	48.922	ng	99
89) Benzo(k)fluoranthene	15.145	252	1247463	45.305	ng	100
90) Benzo(a)pyrene	15.492	252	1127596	49.436	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	939162	40.452	ng	97
92) Benzo(g,h,i)perylene	17.521	276	901011	37.980	ng	99

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

