

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129712.D
 Acq On : 11 Aug 2022 12:49
 Operator : CG\JU
 Sample : PB146816BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146816BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/12/2022
 Supervised By : Jagrut Upadhyay 08/12/2022

Quant Time: Aug 11 23:54:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 23:50:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	173683	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	714626	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	380295	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	634290	20.000	ng	# 0.00
76) Chrysene-d12	14.021	240	398354	20.000	ng	0.00
86) Perylene-d12	15.492	264	328895	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1194884	112.070	ng	0.02
7) Phenol-d6	6.498	99	1490397	111.212	ng	0.00
23) Nitrobenzene-d5	7.410	82	972853	74.314	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	434854	118.934	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1819881	74.028	ng	0.00
79) Terphenyl-d14	12.957	244	1925885	91.209	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	136147	28.302	ng	88
3) Pyridine	3.446	79	350501	26.237	ng	87
4) n-Nitrosodimethylamine	3.387	42	209013	35.630	ng	# 92
6) Aniline	6.504	93	536421	32.198	ng	# 39
8) 2-Chlorophenol	6.634	128	495440	42.533	ng	95
9) Benzaldehyde	6.392	77	237823	26.132	ng	99
10) Phenol	6.510	94	581021m	40.713	ng	
11) bis(2-Chloroethyl)ether	6.575	93	463438	40.947	ng	90
12) 1,3-Dichlorobenzene	6.775	146	495578	39.669	ng	99
13) 1,4-Dichlorobenzene	6.851	146	505951	39.822	ng	98
14) 1,2-Dichlorobenzene	7.004	146	484687	41.503	ng	98
15) Benzyl Alcohol	6.992	79	410001	42.183	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	615078	36.154	ng	# 20
17) 2-Methylphenol	7.110	107	396324	41.013	ng	# 88
18) Hexachloroethane	7.345	117	195147	40.791	ng	94
19) n-Nitroso-di-n-propyla...	7.257	70	342296	42.191	ng	91
20) 3+4-Methylphenols	7.263	107	502910	40.931	ng	# 82
22) Acetophenone	7.251	105	681947	40.988	ng	97
24) Nitrobenzene	7.428	77	506980	37.608	ng	95
25) Isophorone	7.663	82	936526	39.910	ng	99
26) 2-Nitrophenol	7.739	139	266324	40.046	ng	96
27) 2,4-Dimethylphenol	7.786	122	446097m	44.718	ng	
28) bis(2-Chloroethoxy)met...	7.869	93	581914	42.748	ng	99
29) 2,4-Dichlorophenol	7.992	162	412870	40.099	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	414239	38.868	ng	95
31) Naphthalene	8.145	128	1393225	38.373	ng	100
32) Benzoic acid	7.928	122	189357m	26.257	ng	
33) 4-Chloroaniline	8.198	127	449056	30.125	ng	97
34) Hexachlorobutadiene	8.251	225	250249	41.308	ng	100
35) Caprolactam	8.580	113	128410m	38.360	ng	
36) 4-Chloro-3-methylphenol	8.698	107	448207	41.043	ng	94
37) 2-Methylnaphthalene	8.833	142	931537	39.481	ng	99
38) 1-Methylnaphthalene	8.933	142	885942	38.896	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	413552	41.414	ng	98
41) Hexachlorocyclopentadiene	8.980	237	347789	78.215	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	265536	36.612	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	286348	36.305	ng	97
46) 1,1'-Biphenyl	9.298	154	1138133	41.008	ng	100
47) 2-Chloronaphthalene	9.328	162	882627	39.339	ng	98
48) 2-Nitroaniline	9.433	65	280962	37.660	ng	87
49) Acenaphthylene	9.745	152	1329317	38.992	ng	99
50) Dimethylphthalate	9.604	163	1063770	40.520	ng	99
51) 2,6-Dinitrotoluene	9.675	165	238741	40.630	ng	89
52) Acenaphthene	9.916	154	941028m	42.261	ng	
53) 3-Nitroaniline	9.845	138	190249	27.419	ng	# 93
54) 2,4-Dinitrophenol	9.963	184	197415	65.813	ng	# 85
55) Dibenzofuran	10.086	168	1204139	39.229	ng	96
56) 4-Nitrophenol	10.033	139	241647	47.207	ng	95
57) 2,4-Dinitrotoluene	10.080	165	300490	39.147	ng	93
58) Fluorene	10.433	166	993996	40.472	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	210376	34.515	ng	94
60) Diethylphthalate	10.304	149	1060608	41.792	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	459590	42.446	ng	# 87
62) 4-Nitroaniline	10.469	138	233992m	33.995	ng	
63) Azobenzene	10.580	77	1005870	38.859	ng	95
65) 4,6-Dinitro-2-methylph...	10.492	198	148479	37.087	ng	92
66) n-Nitrosodiphenylamine	10.539	169	869718	41.173	ng	96
67) 4-Bromophenyl-phenylether	10.910	248	300269	43.231	ng	98
68) Hexachlorobenzene	10.980	284	329005	43.717	ng	97
69) Atrazine	11.074	200	296045	46.141	ng	98
70) Pentachlorophenol	11.186	266	288090	70.416	ng	99
71) Phenanthrene	11.398	178	1361738	39.329	ng	99
72) Anthracene	11.451	178	1399296	41.125	ng	99
73) Carbazole	11.610	167	1259805	39.332	ng	99
74) Di-n-butylphthalate	11.921	149	1679418	44.029	ng	99
75) Fluoranthene	12.586	202	1386386	39.518	ng	99
77) Benzidine	12.710	184	599490	42.599	ng	99
78) Pyrene	12.821	202	1377531	41.353	ng	98
80) Butylbenzylphthalate	13.427	149	645468	44.673	ng	92
81) Benzo(a)anthracene	14.010	228	1063122	39.069	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	281253	31.305	ng	96
83) Chrysene	14.045	228	962336	37.524	ng	100
84) Bis(2-ethylhexyl)phtha...	13.980	149	909083	47.791	ng	98
85) Di-n-octyl phthalate	14.592	149	1330493	48.605	ng	96
87) Indeno(1,2,3-cd)pyrene	16.986	276	936662	42.291	ng	99
88) Benzo(b)fluoranthene	15.062	252	906994	41.574	ng	100
89) Benzo(k)fluoranthene	15.092	252	894516	41.840	ng	100
90) Benzo(a)pyrene	15.433	252	778327	43.948	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	814066	45.159	ng	100
92) Benzo(g,h,i)perylene	17.439	276	819865	44.509	ng	98

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

