

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022222\
 Data File : BF127004.D
 Acq On : 22 Feb 2022 12:53
 Operator : CG\JU
 Sample : PB142794BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142794BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/23/2022
 Supervised By : Jagrut Upadhyay 02/23/2022

Quant Time: Feb 22 13:28:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	88125	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	364024	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	191726	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	353699	20.000	ng	# 0.00
76) Chrysene-d12	14.098	240	251533	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	186654	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	623530	109.357	ng	0.00
7) Phenol-d6	6.546	99	816103	106.074	ng	0.00
23) Nitrobenzene-d5	7.487	82	580386	71.965	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	268906	121.817	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	961233	73.808	ng	0.00
79) Terphenyl-d14	13.039	244	1223679	71.516	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.805	88	82185	31.500	ng	96
3) Pyridine	3.563	79	181100	26.463	ng	92
4) n-Nitrosodimethylamine	3.528	42	131734	39.296	ng	# 69
6) Aniline	6.581	93	270756	29.702	ng	95
8) 2-Chlorophenol	6.704	128	251560	41.120	ng	96
9) Benzaldehyde	6.469	77	142218	30.367	ng	96
10) Phenol	6.557	94	309828	39.855	ng	82
11) bis(2-Chloroethyl)ether	6.651	93	235343	38.597	ng	96
12) 1,3-Dichlorobenzene	6.857	146	256601	38.883	ng	97
13) 1,4-Dichlorobenzene	6.934	146	265905	39.744	ng	97
14) 1,2-Dichlorobenzene	7.087	146	248724	38.984	ng	99
15) Benzyl Alcohol	7.057	79	252279	38.923	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.187	45	349347	36.385	ng	96
17) 2-Methylphenol	7.163	107	210938	39.853	ng	# 91
18) Hexachloroethane	7.428	117	103145	40.220	ng	96
19) n-Nitroso-di-n-propyla...	7.328	70	196321	39.600	ng	96
20) 3+4-Methylphenols	7.316	107	275867	40.137	ng	# 84
22) Acetophenone	7.328	105	380030	39.651	ng	# 96
24) Nitrobenzene	7.504	77	301408	39.562	ng	98
25) Isophorone	7.740	82	514522	38.555	ng	# 97
26) 2-Nitrophenol	7.816	139	131948	40.677	ng	# 78
27) 2,4-Dimethylphenol	7.845	122	232441	43.620	ng	88
28) bis(2-Chloroethoxy)met...	7.945	93	298070	36.842	ng	99
29) 2,4-Dichlorophenol	8.057	162	200435	40.007	ng	97
30) 1,2,4-Trichlorobenzene	8.140	180	215174	38.416	ng	99
31) Naphthalene	8.222	128	738119	38.843	ng	99
32) Benzoic acid	7.969	122	153414	40.595	ng	86
33) 4-Chloroaniline	8.269	127	119388	15.962	ng	98
34) Hexachlorobutadiene	8.334	225	127273	38.921	ng	98
35) Caprolactam	8.645	113	70520m	40.308	ng	
36) 4-Chloro-3-methylphenol	8.751	107	265614	41.484	ng	97
37) 2-Methylnaphthalene	8.916	142	505960	41.033	ng	99
38) 1-Methylnaphthalene	9.016	142	460036	38.961	ng	97
40) 1,2,4,5-Tetrachloroben...	9.081	216	206337	40.884	ng	98
41) Hexachlorocyclopentadiene	9.063	237	253795	92.719	ng	95
43) 2,4,6-Trichlorophenol	9.192	196	143896	38.874	ng	98

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44) 2,4,5-Trichlorophenol	9.234	196	157422	40.414	ng	92
46) 1,1'-Biphenyl	9.381	154	613128	40.364	ng	98
47) 2-Chloronaphthalene	9.404	162	438028	38.886	ng	93
48) 2-Nitroaniline	9.504	65	179232	40.321	ng	96
49) Acenaphthylene	9.822	152	727209	39.744	ng	98
50) Dimethylphthalate	9.681	163	538411	39.288	ng	99
51) 2,6-Dinitrotoluene	9.745	165	116982	41.956	ng	88
52) Acenaphthene	9.992	154	541652m	45.518	ng	
53) 3-Nitroaniline	9.910	138	81376	23.876	ng	92
54) 2,4-Dinitrophenol	10.022	184	132875	90.037	ng	# 86
55) Dibenzofuran	10.169	168	630025	38.503	ng	90
56) 4-Nitrophenol	10.075	139	211353	83.962	ng	# 79
57) 2,4-Dinitrotoluene	10.151	165	162256	43.040	ng	# 93
58) Fluorene	10.510	166	512838	40.236	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.281	232	125581	40.666	ng	96
60) Diethylphthalate	10.381	149	576080	40.230	ng	99
61) 4-Chlorophenyl-phenyle...	10.498	204	235725	39.222	ng	91
62) 4-Nitroaniline	10.534	138	133175	39.570	ng	# 74
63) Azobenzene	10.663	77	604091	37.885	ng	93
65) 4,6-Dinitro-2-methylph...	10.557	198	82845	39.864	ng	95
66) n-Nitrosodiphenylamine	10.622	169	446995	38.540	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	155110	39.250	ng	96
68) Hexachlorobenzene	11.057	284	174859	41.101	ng	91
69) Atrazine	11.145	200	153420	42.650	ng	97
70) Pentachlorophenol	11.251	266	197990	85.253	ng	99
71) Phenanthrene	11.475	178	796196	40.218	ng	98
72) Anthracene	11.528	178	810396	41.119	ng	99
73) Carbazole	11.681	167	700616	38.765	ng	99
74) Di-n-butylphthalate	12.004	149	918955	39.551	ng	99
75) Fluoranthene	12.669	202	798473	42.478	ng	93
77) Benzidine	12.786	184	267378	39.116	ng	97
78) Pyrene	12.898	202	800133	36.615	ng	99
80) Butylbenzylphthalate	13.510	149	392137	37.904	ng	# 86
81) Benzo(a)anthracene	14.086	228	672924	39.683	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	131002	24.513	ng	# 98
83) Chrysene	14.122	228	648631	40.676	ng	100
84) Bis(2-ethylhexyl)phtha...	14.063	149	537963	39.608	ng	# 95
85) Di-n-octyl phthalate	14.674	149	829539	42.419	ng	97
87) Indeno(1,2,3-cd)pyrene	17.115	276	473481	38.686	ng	# 85
88) Benzo(b)fluoranthene	15.151	252	562540	44.873	ng	# 92
89) Benzo(k)fluoranthene	15.180	252	542015	44.826	ng	# 95
90) Benzo(a)pyrene	15.527	252	488830	49.921	ng	# 94
91) Dibenzo(a,h)anthracene	17.133	278	393742	38.898	ng	# 91
92) Benzo(g,h,i)perylene	17.586	276	386682	38.748	ng	# 86

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

