

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062222\
 Data File : BF128928.D
 Acq On : 22 Jun 2022 13:31
 Operator : CG\JU
 Sample : PB145629BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145629BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/23/2022
 Supervised By : Jagrut Upadhyay 06/23/2022

Quant Time: Jun 23 01:26:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:02:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	112210	20.000	ng	-0.01
21) Naphthalene-d8	8.034	136	432716	20.000	ng	# 0.00
39) Acenaphthene-d10	9.792	164	242167	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	443943	20.000	ng	# 0.00
76) Chrysene-d12	13.927	240	331608	20.000	ng	# 0.00
86) Perylene-d12	15.368	264	200806	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	778196	110.466	ng	0.01
7) Phenol-d6	6.416	99	949686	110.438	ng	0.00
23) Nitrobenzene-d5	7.322	82	688243	74.052	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	305770	106.863	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1331997	77.049	ng	0.00
79) Terphenyl-d14	12.868	244	1523526	79.833	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.587	88	85717	32.775	ng	# 93
3) Pyridine	3.310	79	230796	33.220	ng	# 90
4) n-Nitrosodimethylamine	3.269	42	181885	37.752	ng	# 79
6) Aniline	6.416	93	299389	32.282	ng	# 39
8) 2-Chlorophenol	6.545	128	311855	43.263	ng	99
10) Phenol	6.428	94	380979	41.912	ng	88
11) bis(2-Chloroethyl)ether	6.492	93	294606	44.230	ng	95
12) 1,3-Dichlorobenzene	6.687	146	348062	41.767	ng	99
13) 1,4-Dichlorobenzene	6.763	146	352137	41.840	ng	98
14) 1,2-Dichlorobenzene	6.916	146	327394	41.585	ng	98
15) Benzyl Alcohol	6.904	79	292877	40.706	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.028	45	450110	41.014	ng	# 1
17) 2-Methylphenol	7.181	107	327721	57.524	ng	# 81
18) Hexachloroethane	7.257	117	134802	43.051	ng	98
19) n-Nitroso-di-n-propyla...	7.175	70	235446	44.036	ng	99
20) 3+4-Methylphenols	7.181	107	327721	43.087	ng	# 82
22) Acetophenone	7.163	105	458313	40.496	ng	# 95
24) Nitrobenzene	7.339	77	355422	41.655	ng	98
25) Isophorone	7.581	82	628202	44.504	ng	97
26) 2-Nitrophenol	7.657	139	162910	43.334	ng	# 92
27) 2,4-Dimethylphenol	7.704	122	282734	49.371	ng	95
28) bis(2-Chloroethoxy)met...	7.786	93	364763	40.878	ng	98
29) 2,4-Dichlorophenol	7.910	162	273884	41.322	ng	96
30) 1,2,4-Trichlorobenzene	7.975	180	297008	39.797	ng	98
31) Naphthalene	8.057	128	900461	40.548	ng	99
32) Benzoic acid	7.869	122	107118	26.365	ng	90
33) 4-Chloroaniline	8.110	127	249220	29.766	ng	96
34) Hexachlorobutadiene	8.169	225	205321	38.793	ng	98
35) Caprolactam	8.498	113	75081m	40.965	ng	
36) 4-Chloro-3-methylphenol	8.616	107	306342	42.351	ng	97
37) 2-Methylnaphthalene	8.745	142	591734	41.893	ng	100
38) 1-Methylnaphthalene	8.845	142	562137	41.191	ng	100
40) 1,2,4,5-Tetrachloroben...	8.916	216	311791	41.456	ng	99
41) Hexachlorocyclopentadiene	8.898	237	226075	50.007	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	181528	35.692	ng	98
44) 2,4,5-Trichlorophenol	9.092	196	186732	35.527	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.210	154	755910	41.602	ng	99
47) 2-Chloronaphthalene	9.239	162	577591	41.658	ng	99
48) 2-Nitroaniline	9.345	65	209212	44.126	ng	97
49) Acenaphthylene	9.651	152	925084	43.583	ng	99
50) Dimethylphthalate	9.522	163	700013	42.231	ng	100
51) 2,6-Dinitrotoluene	9.586	165	151905	46.432	ng	# 84
52) Acenaphthene	9.822	154	533322	38.583	ng	99
53) 3-Nitroaniline	9.757	138	105510	29.715	ng	99
54) 2,4-Dinitrophenol	9.875	184	123108	67.559	ng	91
55) Dibenzofuran	9.998	168	798740	40.207	ng	95
56) 4-Nitrophenol	9.957	139	148941	57.868	ng	# 72
57) 2,4-Dinitrotoluene	9.992	165	197660	45.272	ng	# 66
58) Fluorene	10.339	166	651083	42.261	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.127	232	148879	34.293	ng	95
60) Diethylphthalate	10.222	149	692339	41.558	ng	98
61) 4-Chlorophenyl-phenyle...	10.333	204	334539	41.866	ng	100
62) 4-Nitroaniline	10.380	138	132727	36.919	ng	88
63) Azobenzene	10.492	77	670506	40.883	ng	99
65) 4,6-Dinitro-2-methylph...	10.410	198	104650	39.944	ng	91
66) n-Nitrosodiphenylamine	10.457	169	597400	43.781	ng	98
67) 4-Bromophenyl-phenylether	10.822	248	212454	42.913	ng	97
68) Hexachlorobenzene	10.886	284	242451	44.097	ng	99
69) Atrazine	10.986	200	201446	45.908	ng	97
70) Pentachlorophenol	11.098	266	155840	56.781	ng	100
71) Phenanthrene	11.304	178	942723	42.337	ng	99
72) Anthracene	11.357	178	957021	43.422	ng	100
73) Carbazole	11.516	167	853058	41.673	ng	99
74) Di-n-butylphthalate	11.839	149	1085797	43.565	ng	99
75) Fluoranthene	12.492	202	1024623	44.021	ng	98
77) Benzidine	12.616	184	326991	49.466	ng	99
78) Pyrene	12.721	202	1029344	41.722	ng	99
80) Butylbenzylphthalate	13.339	149	435624	42.046	ng	99
81) Benzo(a)anthracene	13.915	228	901342	43.606	ng	100
82) 3,3'-Dichlorobenzidine	13.880	252	249716	56.468	ng	# 98
83) Chrysene	13.957	228	826044	41.917	ng	100
84) Bis(2-ethylhexyl)phtha...	13.898	149	605668	44.966	ng	99
85) Di-n-octyl phthalate	14.510	149	759372	37.432	ng	97
87) Indeno(1,2,3-cd)pyrene	16.798	276	481476	39.781	ng	# 90
88) Benzo(b)fluoranthene	14.957	252	616248	48.027	ng	# 96
89) Benzo(k)fluoranthene	14.986	252	562549	46.606	ng	# 96
90) Benzo(a)pyrene	15.310	252	529922	52.546	ng	# 95
91) Dibenzo(a,h)anthracene	16.809	278	435136	43.344	ng	# 94
92) Benzo(g,h,i)perylene	17.227	276	411667	41.374	ng	# 91

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

