

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022522\
 Data File : BF127068.D
 Acq On : 25 Feb 2022 13:46
 Operator : CG\JU
 Sample : PB142924BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142924BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/28/2022
 Supervised By : Jagrut Upadhyay 02/28/2022

Quant Time: Feb 26 01:38:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	89362	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	377183	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	197912	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	353135	20.000	ng	# 0.00
76) Chrysene-d12	14.092	240	209778	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	149776	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	641033	110.871	ng	0.00
7) Phenol-d6	6.540	99	832793	106.745	ng	0.00
23) Nitrobenzene-d5	7.475	82	603697	72.244	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	287894	126.342	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1038510	77.249	ng	0.00
79) Terphenyl-d14	13.027	244	1170280	82.008	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	65534	24.770	ng	# 92
3) Pyridine	3.540	79	148931	21.461	ng	92
4) n-Nitrosodimethylamine	3.493	42	135554	39.876	ng	# 56
6) Aniline	6.569	93	296001	32.022	ng	93
8) 2-Chlorophenol	6.692	128	256383	41.328	ng	95
9) Benzaldehyde	6.457	77	144043	30.331	ng	99
10) Phenol	6.551	94	313428m	39.760	ng	
11) bis(2-Chloroethyl)ether	6.640	93	236814	38.301	ng	97
12) 1,3-Dichlorobenzene	6.845	146	263112	39.318	ng	96
13) 1,4-Dichlorobenzene	6.922	146	269995	39.797	ng	97
14) 1,2-Dichlorobenzene	7.075	146	258213	39.911	ng	98
15) Benzyl Alcohol	7.045	79	262874	39.996	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.175	45	345118	35.447	ng	94
17) 2-Methylphenol	7.157	107	214701	40.002	ng	# 90
18) Hexachloroethane	7.416	117	106572	40.981	ng	# 91
19) n-Nitroso-di-n-propyla...	7.316	70	199690	39.722	ng	95
20) 3+4-Methylphenols	7.310	107	281894	40.446	ng	94
22) Acetophenone	7.316	105	396420	39.918	ng	# 98
24) Nitrobenzene	7.492	77	308779	39.115	ng	99
25) Isophorone	7.728	82	530758	38.384	ng	# 98
26) 2-Nitrophenol	7.804	139	135783	40.399	ng	# 74
27) 2,4-Dimethylphenol	7.839	122	237612	43.034	ng	90
28) bis(2-Chloroethoxy)met...	7.934	93	302869	36.129	ng	97
29) 2,4-Dichlorophenol	8.045	162	209071	40.275	ng	98
30) 1,2,4-Trichlorobenzene	8.128	180	231027	39.808	ng	98
31) Naphthalene	8.210	128	769014	39.057	ng	99
32) Benzoic acid	7.969	122	158654	40.516	ng	84
33) 4-Chloroaniline	8.257	127	183472	23.674	ng	95
34) Hexachlorobutadiene	8.322	225	139538	41.183	ng	98
35) Caprolactam	8.634	113	69422m	38.296	ng	
36) 4-Chloro-3-methylphenol	8.745	107	269422	40.610	ng	97
37) 2-Methylnaphthalene	8.904	142	525391	41.123	ng	97
38) 1-Methylnaphthalene	9.004	142	480657	39.287	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	221416	42.500	ng	98
41) Hexachlorocyclopentadiene	9.051	237	267760	94.763	ng	97
43) 2,4,6-Trichlorophenol	9.181	196	151924	39.760	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	160268	39.859	ng	93
46) 1,1'-Biphenyl	9.369	154	633560	40.405	ng	96
47) 2-Chloronaphthalene	9.398	162	457914	39.381	ng	96
48) 2-Nitroaniline	9.492	65	182840	39.847	ng	96
49) Acenaphthylene	9.816	152	757369	40.098	ng	98
50) Dimethylphthalate	9.669	163	560430	39.616	ng	98
51) 2,6-Dinitrotoluene	9.733	165	122180	42.451	ng	# 82
52) Acenaphthene	9.986	154	558919m	45.501	ng	
53) 3-Nitroaniline	9.904	138	95330	27.096	ng	98
54) 2,4-Dinitrophenol	10.016	184	134675	88.405	ng	# 87
55) Dibenzofuran	10.157	168	662602	39.228	ng	90
56) 4-Nitrophenol	10.075	139	206367	79.418	ng	# 75
57) 2,4-Dinitrotoluene	10.139	165	166516	42.790	ng	# 91
58) Fluorene	10.504	166	545355	41.450	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.275	232	134885	42.314	ng	94
60) Diethylphthalate	10.369	149	588270	39.797	ng	99
61) 4-Chlorophenyl-phenyle...	10.492	204	251049	40.466	ng	98
62) 4-Nitroaniline	10.528	138	132509	38.141	ng	# 71
63) Azobenzene	10.651	77	614591	37.339	ng	92
65) 4,6-Dinitro-2-methylph...	10.551	198	83344	40.168	ng	96
66) n-Nitrosodiphenylamine	10.610	169	461322	39.839	ng	99
67) 4-Bromophenyl-phenylether	10.980	248	161644	40.968	ng	91
68) Hexachlorobenzene	11.045	284	180839	42.575	ng	# 89
69) Atrazine	11.139	200	151969	42.315	ng	96
70) Pentachlorophenol	11.245	266	195320	84.238	ng	96
71) Phenanthrene	11.469	178	804132	40.683	ng	99
72) Anthracene	11.522	178	818382	41.591	ng	99
73) Carbazole	11.675	167	694764	38.502	ng	98
74) Di-n-butylphthalate	11.992	149	909202	39.193	ng	# 98
75) Fluoranthene	12.657	202	778054	41.457	ng	95
77) Benzidine	12.774	184	209288	36.712	ng	# 96
78) Pyrene	12.892	202	782692	42.946	ng	99
80) Butylbenzylphthalate	13.498	149	341861	39.622	ng	91
81) Benzo(a)anthracene	14.080	228	559341	39.551	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	139551	31.311	ng	# 96
83) Chrysene	14.116	228	530997	39.927	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	421199	37.184	ng	96
85) Di-n-octyl phthalate	14.668	149	571573	35.045	ng	97
87) Indeno(1,2,3-cd)pyrene	17.121	276	447471	45.563	ng	# 82
88) Benzo(b)fluoranthene	15.145	252	435118	43.254	ng	# 92
89) Benzo(k)fluoranthene	15.174	252	428192	44.131	ng	# 94
90) Benzo(a)pyrene	15.527	252	397607	50.602	ng	# 92
91) Dibenzo(a,h)anthracene	17.139	278	382157	47.049	ng	# 89
92) Benzo(g,h,i)perylene	17.586	276	380897	47.567	ng	# 83

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

