

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
 Data File : BF131857.D
 Acq On : 28 Dec 2022 12:32
 Operator : CG\JU
 Sample : PB149912BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149912BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/29/2022
 Supervised By : Jagrut Upadhyay 01/03/2023

Quant Time: Dec 29 00:52:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 05:13:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	77384	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	284483	20.000	ng	-0.01
39) Acenaphthene-d10	9.886	164	167268	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	324702	20.000	ng	0.00
76) Chrysene-d12	14.033	240	236370	20.000	ng	0.00
86) Perylene-d12	15.515	264	171222	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	666173	142.665	ng	0.01
7) Phenol-d6	6.469	99	857753	139.816	ng	0.00
23) Nitrobenzene-d5	7.398	82	601509	84.419	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	259943	143.032	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1030442	84.381	ng	0.00
79) Terphenyl-d14	12.974	244	1336464	95.640	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	82239	37.979	ng	98
3) Pyridine	3.357	79	234035	38.445	ng	99
4) n-Nitrosodimethylamine	3.340	42	128494	44.892	ng	98
6) Aniline	6.486	93	297737	40.017	ng	91
8) 2-Chlorophenol	6.610	128	226436	46.027	ng	95
9) Benzaldehyde	6.375	77	166881	42.394	ng	96
10) Phenol	6.481	94	327848	44.875	ng	87
11) bis(2-Chloroethyl)ether	6.563	93	237490	45.458	ng	98
12) 1,3-Dichlorobenzene	6.763	146	245917	43.742	ng	97
13) 1,4-Dichlorobenzene	6.845	146	249564	44.047	ng	96
14) 1,2-Dichlorobenzene	6.992	146	238395	44.779	ng	97
15) Benzyl Alcohol	6.975	79	247516	46.008	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	298051	44.705	ng	97
17) 2-Methylphenol	7.086	107	203556	45.260	ng	98
18) Hexachloroethane	7.339	117	101439	44.338	ng	93
19) n-Nitroso-di-n-propyla...	7.245	70	193890	44.750	ng	99
20) 3+4-Methylphenols	7.239	107	263044	44.825	ng	93
22) Acetophenone	7.245	105	369882	44.349	ng	96
24) Nitrobenzene	7.416	77	304914	42.700	ng	100
25) Isophorone	7.657	82	531227	45.653	ng	99
26) 2-Nitrophenol	7.733	139	124293	44.768	ng	97
27) 2,4-Dimethylphenol	7.775	122	202733	51.191	ng	98
28) bis(2-Chloroethoxy)met...	7.869	93	291909	46.761	ng	99
29) 2,4-Dichlorophenol	7.975	162	209968	44.006	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	241749	42.734	ng	99
31) Naphthalene	8.139	128	652523	41.883	ng	99
32) Benzoic acid	7.916	122	133628	46.164	ng	95
33) 4-Chloroaniline	8.192	127	152684	25.541	ng	99
34) Hexachlorobutadiene	8.251	225	156706	40.489	ng	99
35) Caprolactam	8.575	113	60127m	42.562	ng	
36) 4-Chloro-3-methylphenol	8.680	107	243005	45.063	ng	98
37) 2-Methylnaphthalene	8.833	142	444785	42.537	ng	99
38) 1-Methylnaphthalene	8.933	142	410387	40.406	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	254165	43.276	ng	98
41) Hexachlorocyclopentadiene	8.986	237	290027	108.095	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	157756	41.938	ng	98

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44) 2,4,5-Trichlorophenol	9.163	196	171191	42.101	ng	# 93
46) 1,1'-Biphenyl	9.304	154	556718	43.473	ng	99
47) 2-Chloronaphthalene	9.327	162	447932	42.279	ng	98
48) 2-Nitroaniline	9.433	65	165300	42.566	ng	96
49) Acenaphthylene	9.745	152	674753	42.772	ng	99
50) Dimethylphthalate	9.610	163	538185	42.530	ng	100
51) 2,6-Dinitrotoluene	9.675	165	118345	43.202	ng	98
52) Acenaphthene	9.922	154	398228	41.826	ng	100
53) 3-Nitroaniline	9.845	138	80916	28.989	ng	100
54) 2,4-Dinitrophenol	9.957	184	145246	92.136	ng	96
55) Dibenzofuran	10.092	168	622337	42.425	ng	99
56) 4-Nitrophenol	10.022	139	176374	90.203	ng	93
57) 2,4-Dinitrotoluene	10.086	165	165675	44.223	ng	96
58) Fluorene	10.439	166	506733	42.314	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	140910m	42.229	ng	
60) Diethylphthalate	10.316	149	511141	41.968	ng	100
61) 4-Chlorophenyl-phenyle...	10.427	204	267583	42.982	ng	100
62) 4-Nitroaniline	10.469	138	119443	41.060	ng	97
63) Azobenzene	10.592	77	567947	42.018	ng	100
65) 4,6-Dinitro-2-methylph...	10.492	198	96325	43.571	ng	80
66) n-Nitrosodiphenylamine	10.551	169	428958	43.308	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	163747	43.511	ng	98
68) Hexachlorobenzene	10.986	284	183273	44.332	ng	# 88
69) Atrazine	11.080	200	165025	50.608	ng	99
70) Pentachlorophenol	11.186	266	199656	97.601	ng	98
71) Phenanthrene	11.404	178	762031	42.677	ng	100
72) Anthracene	11.457	178	777458	44.509	ng	99
73) Carbazole	11.616	167	682043	44.230	ng	99
74) Di-n-butylphthalate	11.939	149	798362	42.834	ng	100
75) Fluoranthene	12.598	202	880244	42.323	ng	99
77) Benzidine	12.721	184	384987	99.110	ng	100
78) Pyrene	12.827	202	901728	45.515	ng	99
80) Butylbenzylphthalate	13.451	149	337152	45.881	ng	100
81) Benzo(a)anthracene	14.027	228	772606	45.146	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	155588	31.454	ng	99
83) Chrysene	14.062	228	703541	43.748	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	423894	47.377	ng	99
85) Di-n-octyl phthalate	14.627	149	611225	50.747	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	478491	43.988	ng	100
88) Benzo(b)fluoranthene	15.086	252	571015	45.482	ng	99
89) Benzo(k)fluoranthene	15.115	252	556504	45.877	ng	99
90) Benzo(a)pyrene	15.457	252	456073	46.921	ng	98
91) Dibenzo(a,h)anthracene	17.033	278	392920	44.097	ng	99
92) Benzo(g,h,i)perylene	17.468	276	395932	38.709	ng	97

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

