

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120922\
 Data File : BF131569.D
 Acq On : 09 Dec 2022 16:28
 Operator : CG\JU
 Sample : PB149504BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149504BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/10/2022
 Supervised By : Jagrut Upadhyay 12/12/2022

Quant Time: Dec 10 04:00:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 06:08:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	53643	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	195219	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	115702	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	223870	20.000	ng	0.00
76) Chrysene-d12	14.110	240	118729	20.000	ng	0.00
86) Perylene-d12	15.615	264	104614	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	474220	147.481	ng	0.02
7) Phenol-d6	6.540	99	603146	143.142	ng	0.00
23) Nitrobenzene-d5	7.481	82	431076	83.484	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	195195	151.845	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	783496	85.382	ng	0.00
79) Terphenyl-d14	13.051	244	916450	105.856	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	52937	36.474	ng	97
3) Pyridine	3.499	79	147374	36.573	ng	99
4) n-Nitrosodimethylamine	3.469	42	96160	43.270	ng	94
6) Aniline	6.575	93	212282	42.125	ng	99
8) 2-Chlorophenol	6.693	128	154517	45.346	ng	96
9) Benzaldehyde	6.457	77	76850	26.623	ng	97
10) Phenol	6.551	94	212140m	45.136	ng	
11) bis(2-Chloroethyl)ether	6.645	93	160247	45.484	ng	99
12) 1,3-Dichlorobenzene	6.851	146	172124	43.568	ng	97
13) 1,4-Dichlorobenzene	6.928	146	173697	43.588	ng	100
14) 1,2-Dichlorobenzene	7.081	146	166298	43.686	ng	96
15) Benzyl Alcohol	7.057	79	161102m	41.704	ng	
16) 2,2'-oxybis(1-Chloropr...	7.181	45	200864	44.136	ng	99
17) 2-Methylphenol	7.163	107	136666	44.502	ng	99
18) Hexachloroethane	7.422	117	72421	45.052	ng	92
19) n-Nitroso-di-n-propyla...	7.328	70	141967	44.933	ng	99
20) 3+4-Methylphenols	7.316	107	185876	44.437	ng	94
22) Acetophenone	7.322	105	269353	44.029	ng	99
24) Nitrobenzene	7.498	77	215295	41.340	ng	98
25) Isophorone	7.739	82	381014	45.810	ng	99
26) 2-Nitrophenol	7.816	139	81920	46.126	ng	96
27) 2,4-Dimethylphenol	7.851	122	137639m	50.563	ng	
28) bis(2-Chloroethoxy)met...	7.945	93	204694	47.574	ng	99
29) 2,4-Dichlorophenol	8.057	162	143422	42.611	ng	98
30) 1,2,4-Trichlorobenzene	8.139	180	170505	41.307	ng	98
31) Naphthalene	8.222	128	450146	40.940	ng	99
32) Benzoic acid	7.975	122	87085	44.173	ng	97
33) 4-Chloroaniline	8.269	127	121376	29.450	ng	97
34) Hexachlorobutadiene	8.334	225	120318	41.359	ng	98
35) Caprolactam	8.639	113	40822m	46.885	ng	
36) 4-Chloro-3-methylphenol	8.757	107	168161	44.492	ng	99
37) 2-Methylnaphthalene	8.916	142	312167	41.514	ng	99
38) 1-Methylnaphthalene	9.016	142	291111	40.328	ng	99
40) 1,2,4,5-Tetrachloroben...	9.081	216	188108	43.919	ng	98
41) Hexachlorocyclopentadiene	9.069	237	263019	120.986	ng	97
43) 2,4,6-Trichlorophenol	9.192	196	108539	40.971	ng	98

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44) 2,4,5-Trichlorophenol	9.234	196	128654	45.157	ng	96
46) 1,1'-Biphenyl	9.386	154	403255	44.081	ng	97
47) 2-Chloronaphthalene	9.410	162	318740	42.765	ng	97
48) 2-Nitroaniline	9.504	65	116756	44.222	ng	99
49) Acenaphthylene	9.828	152	480184	43.878	ng	99
50) Dimethylphthalate	9.686	163	390273	44.248	ng	98
51) 2,6-Dinitrotoluene	9.751	165	83014	45.590	ng	86
52) Acenaphthene	9.998	154	364623m	49.735	ng	
53) 3-Nitroaniline	9.922	138	55775	31.925	ng	100
54) 2,4-Dinitrophenol	10.028	184	103003	97.853	ng	93
55) Dibenzofuran	10.175	168	455005	43.925	ng	98
56) 4-Nitrophenol	10.081	139	112282	92.514	ng	92
57) 2,4-Dinitrotoluene	10.157	165	111985	46.362	ng	# 96
58) Fluorene	10.516	166	367780	43.673	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	104622m	43.365	ng	
60) Diethylphthalate	10.386	149	381799	45.108	ng	99
61) 4-Chlorophenyl-phenyle...	10.510	204	208486	44.800	ng	94
62) 4-Nitroaniline	10.539	138	73487	42.447	ng	94
63) Azobenzene	10.669	77	423132	43.830	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	63117	44.513	ng	96
66) n-Nitrosodiphenylamine	10.628	169	311995	43.108	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	124324	43.169	ng	94
68) Hexachlorobenzene	11.063	284	136623	43.858	ng	97
69) Atrazine	11.157	200	119800	52.125	ng	97
70) Pentachlorophenol	11.257	266	146639	91.439	ng	99
71) Phenanthrene	11.486	178	531407	42.586	ng	98
72) Anthracene	11.539	178	537743	44.294	ng	99
73) Carbazole	11.692	167	438304	44.231	ng	100
74) Di-n-butylphthalate	12.016	149	557837	45.886	ng	100
75) Fluoranthene	12.674	202	563104	43.824	ng	99
77) Benzidine	12.798	184	217149	68.260	ng	100
78) Pyrene	12.910	202	555875	47.481	ng	100
80) Butylbenzylphthalate	13.521	149	172888	51.029	ng	98
81) Benzo(a)anthracene	14.098	228	391387	45.647	ng	98
82) 3,3'-Dichlorobenzidine	14.063	252	91999	37.713	ng	# 95
83) Chrysene	14.133	228	365340	44.819	ng	98
84) Bis(2-ethylhexyl)phtha...	14.080	149	202556	44.145	ng	99
85) Di-n-octyl phthalate	14.698	149	300441	40.625	ng	100
87) Indeno(1,2,3-cd)pyrene	17.162	276	380985	44.624	ng	99
88) Benzo(b)fluoranthene	15.174	252	316614m	45.920	ng	
89) Benzo(k)fluoranthene	15.204	252	305838	42.497	ng	100
90) Benzo(a)pyrene	15.551	252	276729	47.029	ng	99
91) Dibenzo(a,h)anthracene	17.180	278	324900	46.238	ng	99
92) Benzo(g,h,i)perylene	17.633	276	321513	45.528	ng	100

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

