

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
 Data File : BF127911.D
 Acq On : 26 Apr 2022 13:41
 Operator : CG\JU
 Sample : PB144337BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144337BS

Quant Time: Apr 27 01:47:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian
 Giraldo

04/27/2022

Supervised By : Jagrut

padhyay

04/27/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	198258	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	800395	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	441027	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	740178	20.000	ng	0.00
76) Chrysene-d12	14.133	240	444998	20.000	ng	0.00
86) Perylene-d12	15.645	264	366471	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1403974	112.794	ng	0.02
7) Phenol-d6	6.581	99	1839586	113.898	ng	0.01
23) Nitrobenzene-d5	7.516	82	1354670	79.588	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	490517	110.485	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	2101208	80.601	ng	0.00
79) Terphenyl-d14	13.068	244	2041960	83.907	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.946	88	174306	29.350	ng	98
3) Pyridine	3.687	79	484281	31.825	ng	100
4) n-Nitrosodimethylamine	3.651	42	301500	40.933	ng	96
6) Aniline	6.610	93	647718	33.754	ng	99
8) 2-Chlorophenol	6.734	128	583194	45.142	ng	98
9) Benzaldehyde	6.498	77	272961	27.319	ng	96
10) Phenol	6.592	94	679132m	41.691	ng	
11) bis(2-Chloroethyl)ether	6.681	93	588811	43.574	ng	96
12) 1,3-Dichlorobenzene	6.887	146	575051	38.670	ng	97
13) 1,4-Dichlorobenzene	6.963	146	580203	39.088	ng	99
14) 1,2-Dichlorobenzene	7.116	146	560920	40.820	ng	100
15) Benzyl Alcohol	7.092	79	469075	42.708	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.216	45	884205	42.813	ng	96
17) 2-Methylphenol	7.198	107	530419	47.586	ng	94
18) Hexachloroethane	7.457	117	229784	42.108	ng	100
19) n-Nitroso-di-n-propyla...	7.363	70	438505	44.352	ng	99
20) 3+4-Methylphenols	7.351	107	543705	40.378	ng	# 89
22) Acetophenone	7.357	105	763376	39.131	ng	# 93
24) Nitrobenzene	7.534	77	678993	41.398	ng	98
25) Isophorone	7.769	82	1277996	44.611	ng	100
26) 2-Nitrophenol	7.845	139	311607	44.585	ng	96
27) 2,4-Dimethylphenol	7.875	122	556913	47.973	ng	100
28) bis(2-Chloroethoxy)met...	7.975	93	752690	40.997	ng	98
29) 2,4-Dichlorophenol	8.086	162	488128	40.136	ng	99
30) 1,2,4-Trichlorobenzene	8.169	180	533014	38.583	ng	100
31) Naphthalene	8.251	128	1605930	39.394	ng	99
32) Benzoic acid	8.016	122	314046	37.742	ng	96
33) 4-Chloroaniline	8.298	127	390733	24.225	ng	99
34) Hexachlorobutadiene	8.357	225	345910	39.752	ng	99
35) Caprolactam	8.686	113	147009m	37.447	ng	
36) 4-Chloro-3-methylphenol	8.786	107	523575	40.310	ng	98
37) 2-Methylnaphthalene	8.945	142	1080560	40.108	ng	100
38) 1-Methylnaphthalene	9.045	142	1032501	39.428	ng	98
40) 1,2,4,5-Tetrachloroben...	9.110	216	500291	38.486	ng	97
41) Hexachlorocyclopentadiene	9.092	237	662502	94.066	ng	99
43) 2,4,6-Trichlorophenol	9.222	196	345147	40.352	ng	99

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44) 2,4,5-Trichlorophenol	9.263	196	362798	39.018	ng	99	
46) 1,1'-Biphenyl	9.410	154	1294325	39.620	ng	99	
47) 2-Chloronaphthalene	9.433	162	960357	38.615	ng	96	
48) 2-Nitroaniline	9.533	65	345410	41.059	ng	97	
49) Acenaphthylene	9.857	152	1538299	40.437	ng	100	
50) Dimethylphthalate	9.710	163	1143283	38.654	ng	100	
51) 2,6-Dinitrotoluene	9.775	165	263795	41.193	ng	96	
52) Acenaphthene	10.028	154	1099987m	43.009	ng		04/27/2022
53) 3-Nitroaniline	9.945	138	184330	25.921	ng	97	
54) 2,4-Dinitrophenol	10.057	184	278241	82.501	ng	#	86
55) Dibenzofuran	10.198	168	1346889	36.501	ng		99
56) 4-Nitrophenol	10.116	139	369384	68.024	ng		98
57) 2,4-Dinitrotoluene	10.180	165	341702	40.283	ng	#	82
58) Fluorene	10.545	166	1020075	37.047	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.316	232	297984	38.110	ng		99
60) Diethylphthalate	10.410	149	1097225	37.831	ng		99
61) 4-Chlorophenyl-phenyle...	10.533	204	502089	36.695	ng		98
62) 4-Nitroaniline	10.569	138	249332	35.863	ng		99
63) Azobenzene	10.692	77	1185937	37.160	ng		99
65) 4,6-Dinitro-2-methylph...	10.592	198	183428	41.707	ng		98
66) n-Nitrosodiphenylamine	10.651	169	912262	39.610	ng	100	
67) 4-Bromophenyl-phenylether	11.022	248	325112	39.622	ng		99
68) Hexachlorobenzene	11.086	284	352081	40.727	ng		99
69) Atrazine	11.180	200	308267	43.285	ng		98
70) Pentachlorophenol	11.286	266	386753	76.045	ng		98
71) Phenanthrene	11.510	178	1449717	37.417	ng		99
72) Anthracene	11.563	178	1475111	38.220	ng		99
73) Carbazole	11.716	167	1309173	35.195	ng	100	
74) Di-n-butylphthalate	12.033	149	1603735	38.341	ng		99
75) Fluoranthene	12.698	202	1492005	36.589	ng		99
77) Benzidine	12.816	184	396309	47.068	ng		99
78) Pyrene	12.933	202	1487978	41.422	ng	100	
80) Butylbenzylphthalate	13.539	149	621782	44.161	ng		99
81) Benzo(a)anthracene	14.121	228	1191321	40.165	ng		98
82) 3,3'-Dichlorobenzidine	14.080	252	288127	30.595	ng		99
83) Chrysene	14.157	228	1089078	38.447	ng	100	
84) Bis(2-ethylhexyl)phtha...	14.092	149	844999	45.255	ng	100	
85) Di-n-octyl phthalate	14.715	149	1302549	45.015	ng		99
87) Indeno(1,2,3-cd)pyrene	17.203	276	1000590	40.905	ng		99
88) Benzo(b)fluoranthene	15.198	252	1015197	44.105	ng		99
89) Benzo(k)fluoranthene	15.227	252	940911	40.574	ng		97
90) Benzo(a)pyrene	15.580	252	925734	48.486	ng		99
91) Dibenzo(a,h)anthracene	17.221	278	865438	44.115	ng		98
92) Benzo(g,h,i)perylene	17.680	276	877481	42.443	ng		99

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

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