

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121022\
 Data File : BF131585.D
 Acq On : 10 Dec 2022 12:28
 Operator : CG\JU
 Sample : PB149515BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149515BS

Manual Integrations
 APPROVED

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

Quant Time: Dec 12 06:00:22 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	67527	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	258844	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	165207	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	318784	20.000	ng	0.00
76) Chrysene-d12	14.115	240	207885	20.000	ng	# 0.00
86) Perylene-d12	15.627	264	132256	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	534877	132.144	ng	0.03
7) Phenol-d6	6.551	99	688250	129.755	ng	0.02
23) Nitrobenzene-d5	7.486	82	486712	71.089	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	240750	131.163	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	906174	69.160	ng	0.00
79) Terphenyl-d14	13.057	244	1190310	78.524	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	60526	33.128	ng	99
3) Pyridine	3.516	79	162513	32.038	ng	98
4) n-Nitrosodimethylamine	3.487	42	108637	38.834	ng	95
6) Aniline	6.575	93	229216	36.133	ng	99
8) 2-Chlorophenol	6.698	128	187465	43.703	ng	93
9) Benzaldehyde	6.457	77	28178	7.755	ng	94
10) Phenol	6.563	94	259710m	43.896	ng	
11) bis(2-Chloroethyl)ether	6.645	93	193639	43.661	ng	100
12) 1,3-Dichlorobenzene	6.851	146	201290	40.475	ng	99
13) 1,4-Dichlorobenzene	6.928	146	207133	41.292	ng	98
14) 1,2-Dichlorobenzene	7.081	146	198609	41.447	ng	97
15) Benzyl Alcohol	7.057	79	205988	42.360	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.186	45	240373	41.958	ng	98
17) 2-Methylphenol	7.169	107	165549	42.824	ng	99
18) Hexachloroethane	7.422	117	84305	41.662	ng	89
19) n-Nitroso-di-n-propyla...	7.334	70	168415	42.344	ng	94
20) 3+4-Methylphenols	7.322	107	220339	41.846	ng	# 86
22) Acetophenone	7.328	105	317564	39.150	ng	# 97
24) Nitrobenzene	7.504	77	256987	37.216	ng	93
25) Isophorone	7.739	82	451667	40.956	ng	99
26) 2-Nitrophenol	7.816	139	98263	41.728	ng	96
27) 2,4-Dimethylphenol	7.857	122	170886	47.345	ng	97
28) bis(2-Chloroethoxy)met...	7.951	93	246121	43.142	ng	98
29) 2,4-Dichlorophenol	8.063	162	175096	39.234	ng	99
30) 1,2,4-Trichlorobenzene	8.139	180	204448	37.356	ng	99
31) Naphthalene	8.228	128	544939	37.379	ng	100
32) Benzoic acid	7.992	122	120530	46.110	ng	95
33) 4-Chloroaniline	8.275	127	143459	26.252	ng	99
34) Hexachlorobutadiene	8.333	225	140043	36.307	ng	98
35) Caprolactam	8.657	113	51003m	44.179	ng	
36) 4-Chloro-3-methylphenol	8.763	107	205340	40.975	ng	100
37) 2-Methylnaphthalene	8.922	142	385959	38.711	ng	99
38) 1-Methylnaphthalene	9.022	142	357266	37.327	ng	99
40) 1,2,4,5-Tetrachloroben...	9.086	216	229466	37.521	ng	98
41) Hexachlorocyclopentadiene	9.069	237	277095	89.267	ng	98
43) 2,4,6-Trichlorophenol	9.198	196	143882	38.037	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	156536	38.479	ng	93
46) 1,1'-Biphenyl	9.386	154	491847	37.654	ng	99
47) 2-Chloronaphthalene	9.416	162	389184	36.569	ng	99
48) 2-Nitroaniline	9.510	65	140433	37.251	ng	96
49) Acenaphthylene	9.833	152	586004	37.502	ng	99
50) Dimethylphthalate	9.692	163	483431	38.386	ng	99
51) 2,6-Dinitrotoluene	9.757	165	104971	40.374	ng	# 77
52) Acenaphthene	10.004	154	449724m	42.961	ng	
53) 3-Nitroaniline	9.928	138	73237	29.358	ng	99
54) 2,4-Dinitrophenol	10.033	184	130621	87.365	ng	96
55) Dibenzofuran	10.175	168	550855	37.243	ng	99
56) 4-Nitrophenol	10.098	139	154481	89.143	ng	# 77
57) 2,4-Dinitrotoluene	10.163	165	143129	41.499	ng	94
58) Fluorene	10.522	166	459755	38.235	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	132884m	38.575	ng	
60) Diethylphthalate	10.392	149	477968	39.548	ng	99
61) 4-Chlorophenyl-phenyle...	10.510	204	253332	38.124	ng	97
62) 4-Nitroaniline	10.551	138	95982	38.828	ng	99
63) Azobenzene	10.675	77	504877	36.627	ng	97
65) 4,6-Dinitro-2-methylph...	10.569	198	83141	41.177	ng	98
66) n-Nitrosodiphenylamine	10.633	169	386607	37.513	ng	98
67) 4-Bromophenyl-phenylether	11.004	248	151907	37.042	ng	96
68) Hexachlorobenzene	11.069	284	166395	37.512	ng	99
69) Atrazine	11.163	200	134619	41.133	ng	99
70) Pentachlorophenol	11.263	266	190412	83.382	ng	98
71) Phenanthrene	11.486	178	670343	37.726	ng	100
72) Anthracene	11.539	178	679113	39.284	ng	100
73) Carbazole	11.698	167	575244	40.767	ng	99
74) Di-n-butylphthalate	12.021	149	747956	43.206	ng	100
75) Fluoranthene	12.680	202	750665	41.027	ng	99
77) Benzidine	12.804	184	193544	34.747	ng	98
78) Pyrene	12.916	202	744414	36.315	ng	99
80) Butylbenzylphthalate	13.527	149	266206	44.875	ng	97
81) Benzo(a)anthracene	14.104	228	556802	37.089	ng	99
82) 3,3'-Dichlorobenzidine	14.068	252	149573	35.018	ng	# 97
83) Chrysene	14.145	228	520665	36.480	ng	99
84) Bis(2-ethylhexyl)phtha...	14.086	149	317342	39.819	ng	97
85) Di-n-octyl phthalate	14.704	149	418840	33.409	ng	100
87) Indeno(1,2,3-cd)pyrene	17.168	276	429623	39.804	ng	99
88) Benzo(b)fluoranthene	15.174	252	392168	44.990	ng	99
89) Benzo(k)fluoranthene	15.210	252	386472	42.478	ng	97
90) Benzo(a)pyrene	15.562	252	328466	44.155	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	373843	42.084	ng	99
92) Benzo(g,h,i)perylene	17.645	276	366244	41.022	ng	100

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

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