

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
 Data File : BF131835.D
 Acq On : 27 Dec 2022 13:17
 Operator : CG\JU
 Sample : PB149924BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149924BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/28/2022
 Supervised By : Jagrut Upadhyay 12/28/2022

Quant Time: Dec 28 07:53:03 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	6.834	152	79564	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	286151	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	172801	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	339439	20.000	ng	0.00
76) Chrysene-d12	14.039	240	271193	20.000	ng	0.00
86) Perylene-d12	15.515	264	185290	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	630111	131.244	ng	0.02
7) Phenol-d6	6.475	99	808685	128.206	ng	0.00
23) Nitrobenzene-d5	7.410	82	562500	78.484	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	246443	131.262	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	978084	77.529	ng	0.00
79) Terphenyl-d14	12.974	244	1349677	84.184	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	79263	35.602	ng	98
3) Pyridine	3.363	79	204421	32.661	ng	97
4) n-Nitrosodimethylamine	3.334	42	116831	39.699	ng	100
6) Aniline	6.498	93	159361	20.832	ng	97
8) 2-Chlorophenol	6.616	128	214558	42.418	ng	92
10) Phenol	6.487	94	295783	39.377	ng	99
11) bis(2-Chloroethyl)ether	6.575	93	249260	46.404	ng	97
12) 1,3-Dichlorobenzene	6.775	146	233686	40.428	ng	97
13) 1,4-Dichlorobenzene	6.851	146	235550	40.435	ng	98
14) 1,2-Dichlorobenzene	7.004	146	228990	41.834	ng	99
15) Benzyl Alcohol	6.987	79	226467	40.942	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	291095	42.465	ng	97
17) 2-Methylphenol	7.098	107	190069	41.103	ng	98
18) Hexachloroethane	7.345	117	96459	41.006	ng	98
19) n-Nitroso-di-n-propyla...	7.257	70	184432	41.401	ng	95
20) 3+4-Methylphenols	7.251	107	243595	40.373	ng	96
22) Acetophenone	7.251	105	346075	41.253	ng	98
24) Nitrobenzene	7.428	77	287399	40.013	ng	98
25) Isophorone	7.663	82	503752	43.039	ng	99
26) 2-Nitrophenol	7.739	139	113342	40.586	ng	96
27) 2,4-Dimethylphenol	7.781	122	191118	47.977	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	282422	44.977	ng	98
29) 2,4-Dichlorophenol	7.986	162	194051	40.433	ng	100
30) 1,2,4-Trichlorobenzene	8.063	180	225945	39.707	ng	98
31) Naphthalene	8.145	128	614244	39.196	ng	99
32) Benzoic acid	7.916	122	123598	42.450	ng	96
33) 4-Chloroaniline	8.198	127	93575	15.562	ng	98
34) Hexachlorobutadiene	8.263	225	149303	38.351	ng	99
35) Caprolactam	8.581	113	60897m	42.856	ng	
36) 4-Chloro-3-methylphenol	8.692	107	227147	41.877	ng	95
37) 2-Methylnaphthalene	8.839	142	421015	40.029	ng	98
38) 1-Methylnaphthalene	8.939	142	390834	38.256	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	241965	39.879	ng	99
41) Hexachlorocyclopentadiene	8.992	237	270622	98.207	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	148056	38.099	ng	100
44) 2,4,5-Trichlorophenol	9.169	196	162624	38.714	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.310	154	526785	39.818	ng	99
47) 2-Chloronaphthalene	9.333	162	421363	38.498	ng	97
48) 2-Nitroaniline	9.439	65	154375	38.480	ng	97
49) Acenaphthylene	9.751	152	641671	39.372	ng	99
50) Dimethylphthalate	9.616	163	513418	39.273	ng	100
51) 2,6-Dinitrotoluene	9.681	165	114675	40.521	ng	95
52) Acenaphthene	9.928	154	375751	38.202	ng	99
53) 3-Nitroaniline	9.851	138	62996	21.847	ng	99
54) 2,4-Dinitrophenol	9.963	184	134514	82.596	ng	89
55) Dibenzofuran	10.098	168	584694	38.583	ng	100
56) 4-Nitrophenol	10.022	139	164300	81.337	ng	90
57) 2,4-Dinitrotoluene	10.086	165	156320	40.390	ng	98
58) Fluorene	10.439	166	474658	38.367	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	133915m	38.847	ng	
60) Diethylphthalate	10.316	149	497765	39.561	ng	98
61) 4-Chlorophenyl-phenyle...	10.433	204	255352	39.704	ng	98
62) 4-Nitroaniline	10.475	138	109393	36.402	ng	96
63) Azobenzene	10.592	77	539612	38.643	ng	96
65) 4,6-Dinitro-2-methylph...	10.498	198	92773	40.142	ng	99
66) n-Nitrosodiphenylamine	10.557	169	407707	39.375	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	156877	39.876	ng	# 92
68) Hexachlorobenzene	10.986	284	172692	39.959	ng	97
69) Atrazine	11.080	200	69308	20.332	ng	98
70) Pentachlorophenol	11.186	266	186378	87.154	ng	98
71) Phenanthrene	11.410	178	720737	38.612	ng	99
72) Anthracene	11.463	178	745780	40.842	ng	99
73) Carbazole	11.622	167	657747	40.802	ng	98
74) Di-n-butylphthalate	11.945	149	789793	40.534	ng	99
75) Fluoranthene	12.604	202	855453	39.345	ng	99
77) Benzidine	12.727	184	72164	16.192	ng	99
78) Pyrene	12.833	202	882306	38.816	ng	99
80) Butylbenzylphthalate	13.451	149	337746	40.060	ng	96
81) Benzo(a)anthracene	14.027	228	771305	39.282	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	177094	31.205	ng	99
83) Chrysene	14.063	228	724769	39.281	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	437212	42.591	ng	98
85) Di-n-octyl phthalate	14.627	149	631660	45.709	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	434637	36.922	ng	98
88) Benzo(b)fluoranthene	15.086	252	601122	44.245	ng	99
89) Benzo(k)fluoranthene	15.115	252	584343	44.514	ng	100
90) Benzo(a)pyrene	15.457	252	472630	44.933	ng	97
91) Dibenzo(a,h)anthracene	17.033	278	374882	38.879	ng	99
92) Benzo(g,h,i)perylene	17.468	276	366113	33.840	ng	95

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

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