

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
 Data File : BF134031.D
 Acq On : 29 Jun 2023 11:55
 Operator : CG\JU
 Sample : PB153762BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB153762BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 29 12:58:38 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 26 23:12:04 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	103879	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	400763	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	206079	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	405360	20.000	ng	0.00
76) Chrysene-d12	14.045	240	209842	20.000	ng	0.00
86) Perylene-d12	15.545	264	203741	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	718168	115.647	ng	0.01
7) Phenol-d6	6.492	99	850471	111.361	ng	0.00
23) Nitrobenzene-d5	7.416	82	586348	78.868	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	298555	115.548	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1092885	77.103	ng	0.00
79) Terphenyl-d14	12.980	244	1239186	95.041	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	102294	39.950	ng	98
3) Pyridine	3.487	79	234824	35.208	ng	97
4) n-Nitrosodimethylamine	3.440	42	168433	44.217	ng	94
6) Aniline	6.510	93	244843	26.346	ng	# 57
8) 2-Chlorophenol	6.634	128	281629	44.675	ng	99
9) Benzaldehyde	6.398	77	104516	22.021	ng	95
10) Phenol	6.504	94	333963	41.590	ng	91
11) bis(2-Chloroethyl)ether	6.586	93	254426	43.038	ng	98
12) 1,3-Dichlorobenzene	6.786	146	300907	44.773	ng	99
13) 1,4-Dichlorobenzene	6.863	146	311503	45.889	ng	98
14) 1,2-Dichlorobenzene	7.016	146	288629	45.400	ng	99
15) Benzyl Alcohol	6.992	79	260276	44.208	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.122	45	437627	41.844	ng	99
17) 2-Methylphenol	7.104	107	232709	41.224	ng	97
18) Hexachloroethane	7.357	117	118509	47.083	ng	96
19) n-Nitroso-di-n-propyla...	7.263	70	200834	41.467	ng	97
20) 3+4-Methylphenols	7.257	107	281746	41.141	ng	95
22) Acetophenone	7.257	105	396852	43.541	ng	97
24) Nitrobenzene	7.434	77	311835	41.507	ng	97
25) Isophorone	7.669	82	552865	40.917	ng	98
26) 2-Nitrophenol	7.745	139	157941	43.823	ng	95
27) 2,4-Dimethylphenol	7.786	122	249154	43.674	ng	99
28) bis(2-Chloroethoxy)met...	7.881	93	314576	40.208	ng	99
29) 2,4-Dichlorophenol	7.986	162	236870	41.872	ng	97
30) 1,2,4-Trichlorobenzene	8.069	180	253598	43.445	ng	99
31) Naphthalene	8.151	128	799596	41.305	ng	100
32) Benzoic acid	7.910	122	194675	45.540	ng	99
33) 4-Chloroaniline	8.198	127	97590	11.785	ng	98
34) Hexachlorobutadiene	8.263	225	161941	43.980	ng	99
35) Caprolactam	8.580	113	81529m	43.770	ng	
36) 4-Chloro-3-methylphenol	8.686	107	271595	42.736	ng	95
37) 2-Methylnaphthalene	8.845	142	536836	39.216	ng	100
38) 1-Methylnaphthalene	8.945	142	497380	39.083	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	256114	41.949	ng	99
41) Hexachlorocyclopentadiene	8.992	237	275668	95.172	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	172769	41.569	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	180488	36.918	ng	99
46) 1,1'-Biphenyl	9.310	154	679488	41.104	ng	98
47) 2-Chloronaphthalene	9.333	162	497754	41.153	ng	97
48) 2-Nitroaniline	9.433	65	180856	41.029	ng	98
49) Acenaphthylene	9.751	152	834676	40.398	ng	100
50) Dimethylphthalate	9.610	163	601012	40.176	ng	99
51) 2,6-Dinitrotoluene	9.675	165	134216	41.656	ng	# 85
52) Acenaphthene	9.922	154	486052	40.542	ng	99
53) 3-Nitroaniline	9.845	138	93792	24.265	ng	97
54) 2,4-Dinitrophenol	9.963	184	153401	82.324	ng	94
55) Dibenzofuran	10.098	168	746815	39.858	ng	98
56) 4-Nitrophenol	10.016	139	211964	78.396	ng	91
57) 2,4-Dinitrotoluene	10.086	165	178501	41.950	ng	94
58) Fluorene	10.439	166	593199	40.694	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	161862	41.973	ng	98
60) Diethylphthalate	10.316	149	632887	40.608	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	281570	40.082	ng	99
62) 4-Nitroaniline	10.469	138	148425	38.102	ng	98
63) Azobenzene	10.592	77	597693	40.542	ng	96
65) 4,6-Dinitro-2-methylph...	10.498	198	104649	47.353	ng	94
66) n-Nitrosodiphenylamine	10.557	169	527174	40.704	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	174488	40.498	ng	# 91
68) Hexachlorobenzene	10.992	284	200264	43.777	ng	96
69) Atrazine	11.086	200	156563	43.703	ng	98
70) Pentachlorophenol	11.186	266	206189	75.383	ng	98
71) Phenanthrene	11.410	178	849417	41.625	ng	99
72) Anthracene	11.463	178	881217	41.518	ng	99
73) Carbazole	11.621	167	812253	41.809	ng	100
74) Di-n-butylphthalate	11.945	149	995600	43.094	ng	98
75) Fluoranthene	12.604	202	918129	41.617	ng	99
77) Benzidine	12.727	184	167090	33.465	ng	99
78) Pyrene	12.833	202	910427	46.620	ng	100
80) Butylbenzylphthalate	13.457	149	347244	47.411	ng	100
81) Benzo(a)anthracene	14.033	228	607835	41.767	ng	98
82) 3,3'-Dichlorobenzidine	13.992	252	142750	30.961	ng	# 98
83) Chrysene	14.068	228	570654	40.485	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	419501	49.846	ng	100
85) Di-n-octyl phthalate	14.639	149	616845	49.882	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	663839	46.956	ng	98
88) Benzo(b)fluoranthene	15.104	252	533719	44.550	ng	99
89) Benzo(k)fluoranthene	15.133	252	520161	42.644	ng	99
90) Benzo(a)pyrene	15.486	252	472971	40.827	ng	98
91) Dibenzo(a,h)anthracene	17.121	278	536997	46.504	ng	97
92) Benzo(g,h,i)perylene	17.574	276	538055	45.184	ng	99

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

