

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136730.D
 Acq On : 26 Dec 2023 21:03
 Operator : CG\JU
 Sample : 05765-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-SB-03-9.5-10.5MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2023
 Supervised By :mohammad ahmed 12/27/2023

Quant Time: Dec 27 03:58:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	67571	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	254320	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	117572	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	177465	20.000	ng	0.00
76) Chrysene-d12	13.974	240	129806	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	123324	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	185246	42.775	ng	0.03
7) Phenol-d6	6.439	99	388504	69.233	ng	0.00
23) Nitrobenzene-d5	7.351	82	266651	53.652	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	32024	23.127	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	449402	51.410	ng	-0.01
79) Terphenyl-d14	12.904	244	329929	35.520	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.604	88	71389	39.563	ng	98
3) Pyridine	3.840	79	172083m	39.087	ng	
4) n-Nitrosodimethylamine	4.051	42	115971m	49.327	ng	
6) Aniline	6.457	93	137802	24.562	ng	# 51
8) 2-Chlorophenol	6.581	128	201312	42.478	ng	95
9) Benzaldehyde	6.345	77	67313	21.089	ng	95
10) Phenol	6.451	94	242484	40.479	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	187381	41.132	ng	98
12) 1,3-Dichlorobenzene	6.734	146	208696	40.367	ng	97
13) 1,4-Dichlorobenzene	6.804	146	210904	39.925	ng	98
14) 1,2-Dichlorobenzene	6.957	146	198253	40.332	ng	99
15) Benzyl Alcohol	6.934	79	170119	44.937	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	302491	40.613	ng	99
17) 2-Methylphenol	7.051	107	158238	40.304	ng	96
18) Hexachloroethane	7.292	117	74436	38.800	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	139851	41.112	ng	99
20) 3+4-Methylphenols	7.204	107	199917	40.758	ng	# 64
22) Acetophenone	7.192	105	283971	44.548	ng	# 92
24) Nitrobenzene	7.369	77	203636	40.902	ng	97
25) Isophorone	7.604	82	375631	41.536	ng	98
26) 2-Nitrophenol	7.681	139	99996	41.980	ng	92
27) 2,4-Dimethylphenol	7.722	122	131724	45.423	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	234195	42.604	ng	99
29) 2,4-Dichlorophenol	7.928	162	157143	42.091	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	172326	41.427	ng	98
31) Naphthalene	8.086	128	1125320	80.543	ng	100
32) Benzoic acid	7.839	122	82540m	29.417	ng	
33) 4-Chloroaniline	8.133	127	81592	15.817	ng	99
34) Hexachlorobutadiene	8.198	225	100878	39.915	ng	99
35) Caprolactam	8.516	113	49192	39.940	ng	95
36) 4-Chloro-3-methylphenol	8.633	107	170234	40.503	ng	99
37) 2-Methylnaphthalene	8.780	142	697653	77.588	ng	99
38) 1-Methylnaphthalene	8.875	142	345380	39.151	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	175628	48.234	ng	99
41) Hexachlorocyclopentadiene	8.927	237	47415	43.239	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	106412	45.570	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	112400	43.195	ng	# 94
46) 1,1'-Biphenyl	9.245	154	462490	46.877	ng	98
47) 2-Chloronaphthalene	9.269	162	328812	43.840	ng	98
48) 2-Nitroaniline	9.369	65	106719	45.437	ng	95
49) Acenaphthylene	9.686	152	1033868	90.182	ng	99
50) Dimethylphthalate	9.545	163	387116	45.078	ng	99
51) 2,6-Dinitrotoluene	9.616	165	84938	43.580	ng	98
52) Acenaphthene	9.857	154	586839	82.579	ng	100
53) 3-Nitroaniline	9.780	138	75174	36.411	ng	93
54) 2,4-Dinitrophenol	9.892	184	13572	15.713	ng	# 83
55) Dibenzofuran	10.027	168	460740	42.771	ng	98
56) 4-Nitrophenol	9.957	139	101975	73.167	ng	95
57) 2,4-Dinitrotoluene	10.016	165	98754	39.030	ng	99
58) Fluorene	10.374	166	671703	78.585	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.151	232	75755	37.819	ng	# 99
60) Diethylphthalate	10.251	149	364533	40.911	ng	97
61) 4-Chlorophenyl-phenyle...	10.369	204	161439	38.857	ng	95
62) 4-Nitroaniline	10.398	138	73302	36.829	ng	97
63) Azobenzene	10.527	77	317643	38.168	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	13470	13.244	ng	# 80
66) n-Nitrosodiphenylamine	10.486	169	296493	51.431	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	91919	46.639	ng	99
68) Hexachlorobenzene	10.921	284	97537	44.408	ng	95
69) Atrazine	11.021	200	88880	60.279	ng	93
70) Pentachlorophenol	11.121	266	83189	81.259	ng	98
71) Phenanthrene	11.345	178	844121	92.701	ng	100
72) Anthracene	11.398	178	799007	86.643	ng	99
73) Carbazole	11.551	167	370495	42.613	ng	100
74) Di-n-butylphthalate	11.880	149	491213	46.300	ng	99
75) Fluoranthene	12.539	202	858550	88.146	ng	98
77) Benzidine	12.657	184	46775	12.221	ng	# 93
78) Pyrene	12.768	202	876298	68.769	ng	99
80) Butylbenzylphthalate	13.386	149	186560	40.236	ng	99
81) Benzo(a)anthracene	13.962	228	840736	93.274	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	96341	37.636	ng	99
83) Chrysene	14.004	228	786585	89.239	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	264528	45.344	ng	97
85) Di-n-octyl phthalate	14.568	149	498500	55.241	ng	99
87) Indeno(1,2,3-cd)pyrene	16.956	276	593309	66.633	ng	98
88) Benzo(b)fluoranthene	15.021	252	844821	102.565	ng	99
89) Benzo(k)fluoranthene	15.057	252	651264	83.676	ng	99
90) Benzo(a)pyrene	15.392	252	641508	92.266	ng	100
91) Dibenzo(a,h)anthracene	16.980	278	493439	67.548	ng	98
92) Benzo(g,h,i)perylene	17.421	276	448490	59.944	ng	99

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

