

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
 Data File : BF136748.D
 Acq On : 27 Dec 2023 09:41
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

 Reviewed By :Yogesh
 Patel

Quant Time: Dec 27 10:57:42 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	75639	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	270854	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	125579	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	213824	20.000	ng	0.00
76) Chrysene-d12	13.968	240	123255	20.000	ng	0.00
86) Perylene-d12	15.451	264	143347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	396380	81.765	ng	0.00
7) Phenol-d6	6.439	99	481963	76.727	ng	0.00
23) Nitrobenzene-d5	7.351	82	433925	81.979	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	111684	75.515	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	795157	85.163	ng	0.00
79) Terphenyl-d14	12.910	244	658028	74.607	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.534	88	79946	39.580	ng	98
3) Pyridine	3.293	79	194663	39.499	ng	96
4) n-Nitrosodimethylamine	3.263	42	103125	39.184	ng	99
6) Aniline	6.457	93	232425	37.009	ng	# 87
8) 2-Chlorophenol	6.581	128	208276	39.260	ng	94
9) Benzaldehyde	6.345	77	136440	38.187	ng	98
10) Phenol	6.451	94	254504	37.954	ng	93
11) bis(2-Chloroethyl)ether	6.528	93	195183	38.275	ng	99
12) 1,3-Dichlorobenzene	6.728	146	234839	40.579	ng	99
13) 1,4-Dichlorobenzene	6.804	146	232657	39.345	ng	99
14) 1,2-Dichlorobenzene	6.957	146	219740	39.935	ng	99
15) Benzyl Alcohol	6.934	79	163583	38.601	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	305032	36.586	ng	96
17) 2-Methylphenol	7.051	107	162718	37.024	ng	98
18) Hexachloroethane	7.292	117	85203	39.675	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	135646	35.623	ng	97
20) 3+4-Methylphenols	7.204	107	201673	36.731	ng	# 69
22) Acetophenone	7.198	105	274378	40.415	ng	96
24) Nitrobenzene	7.369	77	218219	41.156	ng	99
25) Isophorone	7.610	82	368371	38.247	ng	98
26) 2-Nitrophenol	7.686	139	106567	42.008	ng	99
27) 2,4-Dimethylphenol	7.728	122	128025	41.453	ng	96
28) bis(2-Chloroethoxy)met...	7.816	93	230938	39.447	ng	97
29) 2,4-Dichlorophenol	7.928	162	160921	40.472	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	185773	41.934	ng	98
31) Naphthalene	8.086	128	602494	40.490	ng	100
32) Benzoic acid	7.857	122	111379m	37.272	ng	
33) 4-Chloroaniline	8.139	127	209088	38.058	ng	97
34) Hexachlorobutadiene	8.198	225	112157	41.669	ng	99
35) Caprolactam	8.516	113	44029	33.566	ng	98
36) 4-Chloro-3-methylphenol	8.628	107	163628	36.555	ng	98
37) 2-Methylnaphthalene	8.780	142	373250	38.976	ng	99
38) 1-Methylnaphthalene	8.875	142	358840	38.194	ng	97
40) 1,2,4,5-Tetrachloroben...	8.945	216	173633	44.646	ng	98
41) Hexachlorocyclopentadiene	8.928	237	38072	33.721	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	104607	41.941	ng	92

12/28/2023

Supervised By :mohammad

Ahmed

12/28/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.104	196	114978	41.368	ng	96	12/28/2023
46) 1,1'-Biphenyl	9.245	154	451412	42.837	ng	98	Supervised By :mohammad ahmed
47) 2-Chloronaphthalene	9.269	162	348095	43.451	ng	99	
48) 2-Nitroaniline	9.369	65	101442	40.436	ng	98	
49) Acenaphthylene	9.686	152	510952	41.728	ng	100	
50) Dimethylphthalate	9.545	163	354400	38.637	ng	99	
51) 2,6-Dinitrotoluene	9.610	165	83005	39.873	ng	# 87	12/28/2023
52) Acenaphthene	9.857	154	308826	40.686	ng	99	
53) 3-Nitroaniline	9.780	138	83649	37.932	ng	100	
54) 2,4-Dinitrophenol	9.892	184	34975m	32.634	ng		
55) Dibenzofuran	10.027	168	458793	39.874	ng	100	
56) 4-Nitrophenol	9.957	139	48869	32.828	ng	96	
57) 2,4-Dinitrotoluene	10.016	165	101848	37.687	ng	99	
58) Fluorene	10.374	166	356121	39.007	ng	98	
59) 2,3,4,6-Tetrachlorophenol	10.151	232	81059	37.887	ng	99	
60) Diethylphthalate	10.245	149	352356	37.023	ng	98	
61) 4-Chlorophenyl-phenyle...	10.363	204	173947	39.199	ng	98	
62) 4-Nitroaniline	10.398	138	73432m	34.542	ng		
63) Azobenzene	10.527	77	332577	37.414	ng	97	
65) 4,6-Dinitro-2-methylph...	10.427	198	51664	42.160	ng	98	
66) n-Nitrosodiphenylamine	10.486	169	300890	43.319	ng	98	
67) 4-Bromophenyl-phenylether	10.857	248	101507	42.746	ng	94	
68) Hexachlorobenzene	10.922	284	112699	42.587	ng	98	
69) Atrazine	11.016	200	73318	41.269	ng	98	
70) Pentachlorophenol	11.121	266	47151	38.225	ng	98	
71) Phenanthrene	11.339	178	450172	41.031	ng	100	
72) Anthracene	11.392	178	457488	41.174	ng	99	
73) Carbazole	11.551	167	410796	39.214	ng	99	
74) Di-n-butylphthalate	11.880	149	497416	38.912	ng	99	
75) Fluoranthene	12.533	202	448028	38.177	ng	98	
77) Benzidine	12.657	184	124377	34.223	ng	98	
78) Pyrene	12.763	202	454342	37.550	ng	100	
80) Butylbenzylphthalate	13.386	149	177330	40.278	ng	97	
81) Benzo(a)anthracene	13.962	228	353723	41.329	ng	98	
82) 3,3'-Dichlorobenzidine	13.921	252	115463	47.504	ng	# 97	
83) Chrysene	13.998	228	342615	40.936	ng	98	
84) Bis(2-ethylhexyl)phtha...	13.951	149	241960	43.680	ng	# 97	
85) Di-n-octyl phthalate	14.568	149	419006	48.900	ng	100	
87) Indeno(1,2,3-cd)pyrene	16.962	276	456157	44.074	ng	98	
88) Benzo(b)fluoranthene	15.015	252	379187	39.605	ng	100	
89) Benzo(k)fluoranthene	15.045	252	321146	35.498	ng	99	
90) Benzo(a)pyrene	15.386	252	325819	40.316	ng	99	
91) Dibenzo(a,h)anthracene	16.980	278	372405	43.859	ng	97	
92) Benzo(g,h,i)perylene	17.421	276	384383	44.199	ng	99	

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

