

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
 Data File : BF136934.D
 Acq On : 04 Jan 2024 11:31
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024

Quant Time: Jan 04 12:06:40 2024

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	75671	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	300348	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	152875	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	296578	20.000	ng	0.00
76) Chrysene-d12	13.974	240	152373	20.000	ng	0.00
86) Perylene-d12	15.457	264	143152	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	399663	82.408	ng	0.00
7) Phenol-d6	6.445	99	504518	80.284	ng	0.00
23) Nitrobenzene-d5	7.357	82	467310	79.617	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	146083	81.137	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	915522	80.547	ng	0.00
79) Terphenyl-d14	12.916	244	947546	86.903	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.540	88	80891	40.031	ng	98
3) Pyridine	3.310	79	198781	40.318	ng	95
4) n-Nitrosodimethylamine	3.287	42	100985	38.355	ng	93
6) Aniline	6.457	93	232172	36.953	ng	# 18
8) 2-Chlorophenol	6.581	128	217388	40.960	ng	95
9) Benzaldehyde	6.345	77	139606	39.057	ng	98
10) Phenol	6.457	94	265070	39.513	ng	91
11) bis(2-Chloroethyl)ether	6.528	93	207176	40.609	ng	99
12) 1,3-Dichlorobenzene	6.728	146	237660	41.049	ng	98
13) 1,4-Dichlorobenzene	6.804	146	242050	40.916	ng	97
14) 1,2-Dichlorobenzene	6.957	146	226068	41.068	ng	99
15) Benzyl Alcohol	6.939	79	170263	40.160	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	316607	37.958	ng	69
17) 2-Methylphenol	7.057	107	174832	39.764	ng	# 93
18) Hexachloroethane	7.292	117	86740	40.373	ng	93
19) n-Nitroso-di-n-propyla...	7.204	70	151467	39.761	ng	97
20) 3+4-Methylphenols	7.210	107	224724	40.912	ng	# 54
22) Acetophenone	7.198	105	302483	40.180	ng	# 89
24) Nitrobenzene	7.375	77	232429	39.531	ng	94
25) Isophorone	7.610	82	418559	39.190	ng	99
26) 2-Nitrophenol	7.686	139	119646	42.532	ng	100
27) 2,4-Dimethylphenol	7.728	122	138774	40.521	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	254756	39.242	ng	99
29) 2,4-Dichlorophenol	7.933	162	177379	40.230	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	199223	40.554	ng	97
31) Naphthalene	8.086	128	664245	40.257	ng	100
32) Benzoic acid	7.875	122	139827m	42.196	ng	
33) 4-Chloroaniline	8.139	127	235444	38.647	ng	99
34) Hexachlorobutadiene	8.198	225	121358	40.660	ng	97
35) Caprolactam	8.533	113	68081	46.806	ng	96
36) 4-Chloro-3-methylphenol	8.639	107	196657	39.619	ng	99
37) 2-Methylnaphthalene	8.780	142	421774	39.718	ng	100
38) 1-Methylnaphthalene	8.875	142	415564	39.888	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	197946	41.810	ng	100
41) Hexachlorocyclopentadiene	8.928	237	75210	51.670	ng	100
43) 2,4,6-Trichlorophenol	9.063	196	122088	40.209	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	135721	40.112	ng	99
46) 1,1'-Biphenyl	9.245	154	526728	41.059	ng	99
47) 2-Chloronaphthalene	9.269	162	403396	41.364	ng	99
48) 2-Nitroaniline	9.375	65	122761	40.197	ng	94
49) Acenaphthylene	9.686	152	607193	40.733	ng	99
50) Dimethylphthalate	9.551	163	453363	40.601	ng	99
51) 2,6-Dinitrotoluene	9.616	165	105050	41.453	ng	87
52) Acenaphthene	9.857	154	375862	40.677	ng	99
53) 3-Nitroaniline	9.792	138	107817	40.162	ng	87
54) 2,4-Dinitrophenol	9.904	184	58053	43.138	ng	99
55) Dibenzofuran	10.033	168	560091	39.987	ng	97
56) 4-Nitrophenol	9.969	139	74239	40.966	ng	94
57) 2,4-Dinitrotoluene	10.027	165	132880	40.390	ng	95
58) Fluorene	10.374	166	456957	41.115	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	98855	37.954	ng	98
60) Diethylphthalate	10.251	149	465271	40.159	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	220279	40.776	ng	99
62) 4-Nitroaniline	10.410	138	100748	38.930	ng	95
63) Azobenzene	10.527	77	426810	39.442	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	70331	41.379	ng	90
66) n-Nitrosodiphenylamine	10.492	169	390104	40.492	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	135389	41.105	ng	98
68) Hexachlorobenzene	10.922	284	153584	41.842	ng	96
69) Atrazine	11.022	200	101086	41.023	ng	98
70) Pentachlorophenol	11.127	266	64930	37.951	ng	98
71) Phenanthrene	11.345	178	618397	40.637	ng	99
72) Anthracene	11.392	178	632984	41.073	ng	99
73) Carbazole	11.557	167	583980	40.191	ng	99
74) Di-n-butylphthalate	11.880	149	749424	42.268	ng	99
75) Fluoranthene	12.539	202	644416	39.589	ng	99
77) Benzidine	12.663	184	211877	47.159	ng	98
78) Pyrene	12.768	202	637708	42.633	ng	99
80) Butylbenzylphthalate	13.386	149	245849	45.170	ng	97
81) Benzo(a)anthracene	13.962	228	442920	41.861	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	126983	42.260	ng	99
83) Chrysene	13.998	228	415476	40.155	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	333294	48.670	ng	# 98
85) Di-n-octyl phthalate	14.568	149	473759	44.724	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	439803	42.552	ng	99
88) Benzo(b)fluoranthene	15.021	252	384679	40.233	ng	99
89) Benzo(k)fluoranthene	15.051	252	347685	38.484	ng	99
90) Benzo(a)pyrene	15.398	252	326398	40.442	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	358129	42.235	ng	98
92) Benzo(g,h,i)perylene	17.439	276	366995	42.257	ng	98

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

