

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140100.D
 Acq On : 29 Oct 2024 09:37
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024

Quant Time: Oct 29 09:59:29 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Oct 18 15:07:50 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	138305	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	518016	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	286088	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	513809	20.000	ng	0.00
76) Chrysene-d12	14.051	240	264357	20.000	ng	0.00
86) Perylene-d12	15.527	264	264628	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	681198	77.105	ng	0.00
7) Phenol-d6	6.516	99	859036	75.076	ng	0.00
23) Nitrobenzene-d5	7.451	82	791747	84.711	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	232556	86.905	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1349912	77.983	ng	0.00
79) Terphenyl-d14	12.998	244	1357416	83.670	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	148556	36.065	ng	97
3) Pyridine	3.434	79	372903	36.523	ng	100
4) n-Nitrosodimethylamine	3.387	42	192951	35.174	ng	99
6) Aniline	6.551	93	380858	35.714	ng	99
8) 2-Chlorophenol	6.675	128	347358	38.460	ng	100
9) Benzaldehyde	6.440	77	246060	38.226	ng	98
10) Phenol	6.528	94	445947m	37.804	ng	
11) bis(2-Chloroethyl)ether	6.628	93	349101	38.288	ng	100
12) 1,3-Dichlorobenzene	6.834	146	410460	39.591	ng	99
13) 1,4-Dichlorobenzene	6.910	146	409365	39.522	ng	99
14) 1,2-Dichlorobenzene	7.063	146	383492	39.670	ng	99
15) Benzyl Alcohol	7.028	79	320036	38.130	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	564639	36.318	ng	98
17) 2-Methylphenol	7.134	107	293073	38.055	ng	99
18) Hexachloroethane	7.404	117	147974	40.062	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	252757	36.422	ng	97
20) 3+4-Methylphenols	7.287	107	372087	37.773	ng	97
22) Acetophenone	7.298	105	491097	38.706	ng	99
24) Nitrobenzene	7.475	77	414874	40.486	ng	99
25) Isophorone	7.710	82	684378	38.579	ng	100
26) 2-Nitrophenol	7.787	139	181297	46.897	ng	98
27) 2,4-Dimethylphenol	7.816	122	240401	37.294	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	412663	38.395	ng	100
29) 2,4-Dichlorophenol	8.028	162	290020	39.500	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	324335	39.921	ng	99
31) Naphthalene	8.192	128	1046243	39.161	ng	100
32) Benzoic acid	7.928	122	231302	41.140	ng	99
33) 4-Chloroaniline	8.240	127	342997	37.651	ng	99
34) Hexachlorobutadiene	8.310	225	210297	41.197	ng	99
35) Caprolactam	8.610	113	93232	39.935	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	321026	39.486	ng	98
37) 2-Methylnaphthalene	8.887	142	638545	39.026	ng	99
38) 1-Methylnaphthalene	8.987	142	621727	38.730	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	314265	40.717	ng	99
41) Hexachlorocyclopentadiene	9.039	237	110357	41.093	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	215379	39.415	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	235263	41.730	ng	99
46) 1,1'-Biphenyl	9.351	154	780707	39.200	ng	99
47) 2-Chloronaphthalene	9.375	162	634031	39.527	ng	99
48) 2-Nitroaniline	9.463	65	220417	44.929	ng	99
49) Acenaphthylene	9.787	152	918315	39.600	ng	99
50) Dimethylphthalate	9.645	163	702032	39.396	ng	100
51) 2,6-Dinitrotoluene	9.710	165	168631	43.705	ng	96
52) Acenaphthene	9.963	154	607030	40.465	ng	100
53) 3-Nitroaniline	9.875	138	169830	42.683	ng	99
54) 2,4-Dinitrophenol	9.981	184	88438	57.194	ng	# 1
55) Dibenzofuran	10.134	168	844602	39.241	ng	100
56) 4-Nitrophenol	10.028	139	134760	44.022	ng	98
57) 2,4-Dinitrotoluene	10.110	165	221887	46.765	ng	99
58) Fluorene	10.475	166	647654	39.507	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	180790	40.906	ng	98
60) Diethylphthalate	10.345	149	690855	39.485	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	333515	40.286	ng	98
62) 4-Nitroaniline	10.492	138	167689	44.623	ng	98
63) Azobenzene	10.628	77	717815	38.698	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	122428	58.416	ng	91
66) n-Nitrosodiphenylamine	10.586	169	581540	37.816	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	212925	40.226	ng	97
68) Hexachlorobenzene	11.022	284	238332	40.035	ng	99
69) Atrazine	11.110	200	164083	39.389	ng	99
70) Pentachlorophenol	11.216	266	158271	43.806	ng	98
71) Phenanthrene	11.439	178	938128	38.654	ng	100
72) Anthracene	11.492	178	926551	39.128	ng	100
73) Carbazole	11.645	167	863413	39.205	ng	99
74) Di-n-butylphthalate	11.969	149	1038242	40.805	ng	100
75) Fluoranthene	12.627	202	969481	39.514	ng	100
77) Benzidine	12.745	184	204646	47.078	ng	99
78) Pyrene	12.857	202	971455	41.982	ng	100
80) Butylbenzylphthalate	13.469	149	311541	44.907	ng	100
81) Benzo(a)anthracene	14.039	228	708901	41.194	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	215253	42.900	ng	99
83) Chrysene	14.080	228	597023	37.838	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	352704	45.315	ng	99
85) Di-n-octyl phthalate	14.639	149	554641	39.177	ng	98
87) Indeno(1,2,3-cd)pyrene	17.027	276	700166	41.128	ng	98
88) Benzo(b)fluoranthene	15.092	252	627304	38.915	ng	99
89) Benzo(k)fluoranthene	15.121	252	546998	39.346	ng	100
90) Benzo(a)pyrene	15.468	252	528715	39.861	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	574920	40.482	ng	99
92) Benzo(g,h,i)perylene	17.486	276	604580	42.618	ng	98

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

