

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
 Data File : BF140057.D
 Acq On : 26 Oct 2024 13:58
 Operator : RC/JU
 Sample : P4547-05MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

BP-F-20MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/29/2024

Quant Time: Oct 28 01:07:02 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	6.887	152	141513	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	556548	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	317233	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	543034	20.000	ng	0.00
76) Chrysene-d12	14.051	240	260710	20.000	ng	0.00
86) Perylene-d12	15.527	264	285198	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	820534	90.772	ng	0.02
7) Phenol-d6	6.516	99	1067394	91.171	ng	0.00
23) Nitrobenzene-d5	7.451	82	666477	66.371	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	315066	106.179	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1180147	61.482	ng	0.00
79) Terphenyl-d14	12.998	244	1098755	68.674	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	163481	38.789	ng	96
3) Pyridine	3.534	79	421487	40.346	ng	96
4) n-Nitrosodimethylamine	3.487	42	229191	40.833	ng	99
6) Aniline	6.551	93	269365	24.687	ng	98
8) 2-Chlorophenol	6.675	128	399582	43.239	ng	97
9) Benzaldehyde	6.440	77	80183	12.174	ng	98
10) Phenol	6.528	94	505299m	41.864	ng	
11) bis(2-Chloroethyl)ether	6.622	93	381599	40.903	ng	99
12) 1,3-Dichlorobenzene	6.834	146	427655	40.314	ng	98
13) 1,4-Dichlorobenzene	6.910	146	433619	40.914	ng	99
14) 1,2-Dichlorobenzene	7.057	146	421547	42.618	ng	98
15) Benzyl Alcohol	7.028	79	374711	43.632	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	628563	39.513	ng	97
17) 2-Methylphenol	7.140	107	332765	42.229	ng	98
18) Hexachloroethane	7.404	117	157555	41.689	ng	95
19) n-Nitroso-di-n-propyla...	7.304	70	291673	41.077	ng	95
20) 3+4-Methylphenols	7.287	107	411024	40.780	ng	91
22) Acetophenone	7.298	105	546224	40.070	ng	99
24) Nitrobenzene	7.469	77	444845	40.405	ng	100
25) Isophorone	7.710	82	806462	42.314	ng	99
26) 2-Nitrophenol	7.787	139	212287	51.111	ng	96
27) 2,4-Dimethylphenol	7.822	122	334505	48.299	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	475584	41.186	ng	100
29) 2,4-Dichlorophenol	8.028	162	337939	42.839	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	351789	40.302	ng	99
31) Naphthalene	8.192	128	1167784	40.685	ng	100
32) Benzoic acid	7.934	122	233878	38.718	ng	99
33) 4-Chloroaniline	8.234	127	71391	7.294	ng	98
34) Hexachlorobutadiene	8.310	225	229130	41.779	ng	98
35) Caprolactam	8.610	113	107918m	43.025	ng	
36) 4-Chloro-3-methylphenol	8.716	107	376264	43.076	ng	99
37) 2-Methylnaphthalene	8.886	142	746283	42.453	ng	100
38) 1-Methylnaphthalene	8.986	142	692977	40.179	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	357398	41.760	ng	99
41) Hexachlorocyclopentadiene	9.039	237	397201	133.382	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	263544	43.494	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	261831	41.883	ng	97
46) 1,1'-Biphenyl	9.351	154	897739	40.651	ng	99
47) 2-Chloronaphthalene	9.375	162	722337	40.611	ng	100
48) 2-Nitroaniline	9.469	65	247740	45.541	ng	92
49) Acenaphthylene	9.792	152	1115565	43.383	ng	99
50) Dimethylphthalate	9.651	163	848076	42.919	ng	100
51) 2,6-Dinitrotoluene	9.710	165	187243	43.765	ng	98
52) Acenaphthene	9.963	154	771182	46.360	ng	99
53) 3-Nitroaniline	9.875	138	83523	18.931	ng	97
54) 2,4-Dinitrophenol	9.986	184	181712	100.411	ng	# 1
55) Dibenzofuran	10.133	168	987172	41.362	ng	99
56) 4-Nitrophenol	10.033	139	284342	83.767	ng	97
57) 2,4-Dinitrotoluene	10.116	165	252272	47.949	ng	98
58) Fluorene	10.480	166	741599	40.796	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	215904	44.055	ng	98
60) Diethylphthalate	10.351	149	822061	42.372	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	386856	42.141	ng	99
62) 4-Nitroaniline	10.492	138	176142	42.270	ng	98
63) Azobenzene	10.628	77	922575	44.854	ng	96
65) 4,6-Dinitro-2-methylph...	10.522	198	132583	59.857	ng	91
66) n-Nitrosodiphenylamine	10.586	169	692666	42.618	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	248603	44.439	ng	97
68) Hexachlorobenzene	11.022	284	268605	42.692	ng	99
69) Atrazine	11.110	200	226459	51.437	ng	99
70) Pentachlorophenol	11.216	266	307411	80.506	ng	100
71) Phenanthrene	11.439	178	1063947	41.478	ng	100
72) Anthracene	11.492	178	1103909	44.109	ng	99
73) Carbazole	11.645	167	917821	39.433	ng	99
74) Di-n-butylphthalate	11.974	149	1182778	43.984	ng	100
75) Fluoranthene	12.627	202	983519	37.929	ng	99
77) Benzidine	12.745	184	230453	53.757	ng	99
78) Pyrene	12.857	202	962217	42.164	ng	100
80) Butylbenzylphthalate	13.469	149	378474	55.318	ng	98
81) Benzo(a)anthracene	14.039	228	726535	42.809	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	110608	22.353	ng	99
83) Chrysene	14.080	228	637684	40.980	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	475998	62.011	ng	100
85) Di-n-octyl phthalate	14.645	149	747779	53.559	ng	97
87) Indeno(1,2,3-cd)pyrene	17.027	276	702784	38.304	ng	98
88) Benzo(b)fluoranthene	15.098	252	691475	39.802	ng	99
89) Benzo(k)fluoranthene	15.127	252	677714	45.233	ng	99
90) Benzo(a)pyrene	15.468	252	662337	46.333	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	588503	38.449	ng	98
92) Benzo(g,h,i)perylene	17.480	276	492985	32.245	ng	98

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

