

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140788.D
 Acq On : 09 Dec 2024 14:31
 Operator : RC/JU
 Sample : PB165435BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB165435BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024

Quant Time: Dec 09 15:59:28 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Nov 21 15:23:48 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	73132	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	268344	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	151024	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	291303	20.000	ng	0.00
76) Chrysene-d12	14.051	240	190407	20.000	ng	0.00
86) Perylene-d12	15.557	264	142298	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	604690	141.077	ng	0.01
7) Phenol-d6	6.510	99	779920	137.637	ng	0.00
23) Nitrobenzene-d5	7.428	82	493160	94.003	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	239114	148.039	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	985105	97.187	ng	-0.01
79) Terphenyl-d14	12.980	244	1154710	94.431	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	75083	41.663	ng	98
3) Pyridine	3.487	79	184940	46.642	ng	99
4) n-Nitrosodimethylamine	3.446	42	102418	43.948	ng	91
6) Aniline	6.528	93	198117	49.674	ng	# 60
8) 2-Chlorophenol	6.657	128	224194	48.618	ng	96
9) Benzaldehyde	6.422	77	47889	15.964	ng	97
10) Phenol	6.528	94	282696	48.851	ng	93
11) bis(2-Chloroethyl)ether	6.598	93	213656	48.248	ng	98
12) 1,3-Dichlorobenzene	6.804	146	234675	45.291	ng	98
13) 1,4-Dichlorobenzene	6.881	146	236406	45.060	ng	99
14) 1,2-Dichlorobenzene	7.034	146	226402	46.053	ng	99
15) Benzyl Alcohol	7.010	79	197779	47.065	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	245725	46.970	ng	67
17) 2-Methylphenol	7.128	107	176087	47.703	ng	96
18) Hexachloroethane	7.369	117	88663	45.248	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	157526	47.038	ng	98
20) 3+4-Methylphenols	7.281	107	234798	49.487	ng	# 90
22) Acetophenone	7.275	105	308157	47.104	ng	95
24) Nitrobenzene	7.451	77	244670	45.125	ng	96
25) Isophorone	7.687	82	426005	48.685	ng	99
26) 2-Nitrophenol	7.763	139	119856	49.881	ng	97
27) 2,4-Dimethylphenol	7.804	122	177273m	61.662	ng	
28) bis(2-Chloroethoxy)met...	7.892	93	252551	47.377	ng	100
29) 2,4-Dichlorophenol	8.016	162	192153	50.440	ng	96
30) 1,2,4-Trichlorobenzene	8.087	180	200187	46.024	ng	100
31) Naphthalene	8.169	128	659550	47.717	ng	100
32) Benzoic acid	7.945	122	97104	40.190	ng	97
33) 4-Chloroaniline	8.222	127	105664	25.533	ng	98
34) Hexachlorobutadiene	8.281	225	129909	45.092	ng	99
35) Caprolactam	8.592	113	60000m	50.894	ng	
36) 4-Chloro-3-methylphenol	8.716	107	209630	49.149	ng	100
37) 2-Methylnaphthalene	8.857	142	434148	49.452	ng	99
38) 1-Methylnaphthalene	8.957	142	401097	46.610	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	213649	48.323	ng	99
41) Hexachlorocyclopentadiene	9.010	237	123015	119.792	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	130404	47.005	ng	100

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	138745	46.081	ng	97
46) 1,1'-Biphenyl	9.322	154	544616	48.300	ng	99
47) 2-Chloronaphthalene	9.351	162	402856	47.152	ng	99
48) 2-Nitroaniline	9.451	65	133454	48.664	ng	98
49) Acenaphthylene	9.769	152	668102	51.755	ng	99
50) Dimethylphthalate	9.622	163	482619	48.522	ng	100
51) 2,6-Dinitrotoluene	9.692	165	106240	47.097	ng	96
52) Acenaphthene	9.939	154	399206	48.670	ng	99
53) 3-Nitroaniline	9.869	138	71055	32.206	ng	93
54) 2,4-Dinitrophenol	9.986	184	107779	91.056	ng	94
55) Dibenzofuran	10.110	168	609172	48.690	ng	99
56) 4-Nitrophenol	10.051	139	129552	86.100	ng	97
57) 2,4-Dinitrotoluene	10.104	165	145072	48.389	ng	95
58) Fluorene	10.457	166	491872	48.980	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	122516	52.946	ng	91
60) Diethylphthalate	10.322	149	484343	47.928	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	239856	48.669	ng	95
62) 4-Nitroaniline	10.486	138	111708	48.276	ng	94
63) Azobenzene	10.604	77	455652	47.612	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	80019	53.756	ng	96
66) n-Nitrosodiphenylamine	10.563	169	425471	49.390	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	141435	47.145	ng	97
68) Hexachlorobenzene	11.004	284	162708	46.840	ng	97
69) Atrazine	11.092	200	135438	55.886	ng	99
70) Pentachlorophenol	11.210	266	124566	81.477	ng	100
71) Phenanthrene	11.422	178	702145	50.144	ng	99
72) Anthracene	11.475	178	713823	52.114	ng	100
73) Carbazole	11.633	167	661646	50.213	ng	100
74) Di-n-butylphthalate	11.951	149	726470	47.754	ng	99
75) Fluoranthene	12.616	202	779823	51.293	ng	100
77) Benzidine	12.739	184	192710	34.810	ng	99
78) Pyrene	12.845	202	799086	45.388	ng	100
80) Butylbenzylphthalate	13.451	149	290428	45.793	ng	99
81) Benzo(a)anthracene	14.039	228	624066	49.513	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	133825	35.364	ng	98
83) Chrysene	14.080	228	586907	50.924	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	342209	42.732	ng	100
85) Di-n-octyl phthalate	14.639	149	438390	40.056	ng	97
87) Indeno(1,2,3-cd)pyrene	17.080	276	465855	50.236	ng	99
88) Benzo(b)fluoranthene	15.116	252	478015	53.482	ng	99
89) Benzo(k)fluoranthene	15.145	252	380212	48.611	ng	99
90) Benzo(a)pyrene	15.492	252	391696	53.899	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	374312	49.287	ng	99
92) Benzo(g,h,i)perylene	17.533	276	359573	46.398	ng	98

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

