

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140594.D
 Acq On : 25 Nov 2024 11:17
 Operator : RC/JU
 Sample : PB165086BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB165086BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 25 12:10:20 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	6.869	152	95461	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	360433	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	204239	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	384268	20.000	ng	0.00
76) Chrysene-d12	14.051	240	226332	20.000	ng	0.00
86) Perylene-d12	15.551	264	183684	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	786656	140.602	ng	0.02
7) Phenol-d6	6.516	99	1028062	138.991	ng	0.00
23) Nitrobenzene-d5	7.434	82	675051	95.799	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	312581	143.100	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1279048	93.308	ng	0.00
79) Terphenyl-d14	12.986	244	1402340	96.479	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.758	88	106907	45.447	ng	97
3) Pyridine	3.516	79	270543	52.271	ng	100
4) n-Nitrosodimethylamine	3.469	42	148775	48.908	ng	93
6) Aniline	6.534	93	264036	50.716	ng	# 78
8) 2-Chlorophenol	6.663	128	315221	52.369	ng	96
9) Benzaldehyde	6.422	77	24983	6.380	ng	98
10) Phenol	6.528	94	387598	51.312	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	295208	51.071	ng	99
12) 1,3-Dichlorobenzene	6.810	146	325129	48.071	ng	99
13) 1,4-Dichlorobenzene	6.887	146	325939	47.594	ng	100
14) 1,2-Dichlorobenzene	7.040	146	313851	48.908	ng	100
15) Benzyl Alcohol	7.016	79	288141	52.530	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	360776	52.831	ng	89
17) 2-Methylphenol	7.128	107	249475	51.776	ng	98
18) Hexachloroethane	7.381	117	121736	47.595	ng	100
19) n-Nitroso-di-n-propyla...	7.281	70	221858	50.752	ng	99
20) 3+4-Methylphenols	7.281	107	318248	51.386	ng	98
22) Acetophenone	7.281	105	429201	48.844	ng	99
24) Nitrobenzene	7.451	77	342592	47.041	ng	99
25) Isophorone	7.692	82	612974	52.154	ng	99
26) 2-Nitrophenol	7.769	139	168892	52.330	ng	97
27) 2,4-Dimethylphenol	7.810	122	254935	66.019	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	364440	50.899	ng	100
29) 2,4-Dichlorophenol	8.016	162	262636	51.328	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	275345	47.130	ng	99
31) Naphthalene	8.175	128	905626	48.780	ng	100
32) Benzoic acid	7.940	122	154953	46.395	ng	97
33) 4-Chloroaniline	8.222	127	139898	25.168	ng	97
34) Hexachlorobutadiene	8.287	225	180530	46.653	ng	98
35) Caprolactam	8.598	113	78235m	49.406	ng	
36) 4-Chloro-3-methylphenol	8.716	107	286716	50.047	ng	100
37) 2-Methylnaphthalene	8.863	142	593210	50.306	ng	99
38) 1-Methylnaphthalene	8.963	142	556200	48.120	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	289964	48.496	ng	98
41) Hexachlorocyclopentadiene	9.016	237	263786	185.676	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	185930	49.557	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	193087	47.421	ng	96
46) 1,1'-Biphenyl	9.328	154	739237	48.479	ng	100
47) 2-Chloronaphthalene	9.357	162	550668	47.659	ng	99
48) 2-Nitroaniline	9.457	65	181803	49.021	ng	96
49) Acenaphthylene	9.775	152	914236	52.369	ng	100
50) Dimethylphthalate	9.628	163	667700	49.639	ng	100
51) 2,6-Dinitrotoluene	9.698	165	143481	47.033	ng	94
52) Acenaphthene	9.945	154	557453	50.255	ng	98
53) 3-Nitroaniline	9.869	138	98515	33.018	ng	95
54) 2,4-Dinitrophenol	9.981	184	137274	86.212	ng	96
55) Dibenzofuran	10.116	168	834818	49.340	ng	99
56) 4-Nitrophenol	10.045	139	199246	97.917	ng	94
57) 2,4-Dinitrotoluene	10.104	165	201607	49.726	ng	98
58) Fluorene	10.463	166	672115	49.490	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	170505	54.486	ng	95
60) Diethylphthalate	10.328	149	678334	49.635	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	332587	49.901	ng	96
62) 4-Nitroaniline	10.486	138	150568	48.116	ng	97
63) Azobenzene	10.610	77	644651	49.810	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	103971	52.948	ng	95
66) n-Nitrosodiphenylamine	10.569	169	572661	50.393	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	194886	49.246	ng	99
68) Hexachlorobenzene	11.010	284	224667	49.030	ng	100
69) Atrazine	11.098	200	184571	57.735	ng	99
70) Pentachlorophenol	11.210	266	204321	101.312	ng	99
71) Phenanthrene	11.428	178	935511	50.647	ng	99
72) Anthracene	11.475	178	955770	52.897	ng	100
73) Carbazole	11.633	167	869481	50.022	ng	100
74) Di-n-butylphthalate	11.951	149	1016934	50.676	ng	100
75) Fluoranthene	12.616	202	1008535	50.288	ng	99
77) Benzidine	12.733	184	235993	35.863	ng	99
78) Pyrene	12.845	202	1028303	49.137	ng	100
80) Butylbenzylphthalate	13.457	149	395492	52.461	ng	100
81) Benzo(a)anthracene	14.039	228	756335	50.482	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	150175	33.385	ng	99
83) Chrysene	14.080	228	708791	51.738	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	513313	53.923	ng	100
85) Di-n-octyl phthalate	14.651	149	724749	55.710	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	607172	50.722	ng	98
88) Benzo(b)fluoranthene	15.116	252	600609	52.057	ng	99
89) Benzo(k)fluoranthene	15.145	252	520314	51.535	ng	99
90) Benzo(a)pyrene	15.492	252	515240	54.925	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	494149	50.406	ng	99
92) Benzo(g,h,i)perylene	17.515	276	449443	44.927	ng	98

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

