

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139944.D
 Acq On : 22 Oct 2024 22:46
 Operator : RC/JU
 Sample : P4431-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11934MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
 Supervised By :mohammad ahmed 10/24/2024

Quant Time: Oct 23 01:14:25 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	142085	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	509979	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	232282	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	353031	20.000	ng	0.00
76) Chrysene-d12	14.057	240	304375	20.000	ng	0.00
86) Perylene-d12	15.533	264	262279	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	967367	106.584	ng	0.01
7) Phenol-d6	6.510	99	1196645	101.799	ng	0.00
23) Nitrobenzene-d5	7.451	82	762620	82.880	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	235094	108.204	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1233039	87.731	ng	0.00
79) Terphenyl-d14	12.998	244	1182763	63.320	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	173458	40.990	ng	95
3) Pyridine	3.499	79	434423	41.417	ng	97
4) n-Nitrosodimethylamine	3.446	42	242965	43.113	ng	98
6) Aniline	6.551	93	217141	19.820	ng	99
8) 2-Chlorophenol	6.675	128	433164	46.685	ng	97
9) Benzaldehyde	6.440	77	101234	15.309	ng	96
10) Phenol	6.528	94	537113m	44.321	ng	
11) bis(2-Chloroethyl)ether	6.628	93	432481	46.171	ng	98
12) 1,3-Dichlorobenzene	6.834	146	469638	44.094	ng	98
13) 1,4-Dichlorobenzene	6.910	146	476262	44.757	ng	99
14) 1,2-Dichlorobenzene	7.063	146	457358	46.053	ng	99
15) Benzyl Alcohol	7.028	79	393066	45.585	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	702854	44.006	ng	98
17) 2-Methylphenol	7.134	107	346054	43.739	ng	99
18) Hexachloroethane	7.404	117	169320	44.621	ng	97
19) n-Nitroso-di-n-propyla...	7.298	70	311531	43.697	ng	98
20) 3+4-Methylphenols	7.287	107	430586	42.549	ng	95
22) Acetophenone	7.298	105	586595	46.961	ng	98
24) Nitrobenzene	7.469	77	460055	45.602	ng	100
25) Isophorone	7.710	82	806873	46.201	ng	99
26) 2-Nitrophenol	7.787	139	206146	54.165	ng	97
27) 2,4-Dimethylphenol	7.822	122	334729	52.745	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	500010	47.255	ng	99
29) 2,4-Dichlorophenol	8.028	162	318162	44.015	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	361046	45.140	ng	99
31) Naphthalene	8.192	128	1199406	45.602	ng	99
32) Benzoic acid	7.904	122	166402	30.063	ng	94
33) 4-Chloroaniline	8.239	127	81703	9.110	ng	97
34) Hexachlorobutadiene	8.310	225	235753	46.912	ng	100
35) Caprolactam	8.598	113	83600m	36.373	ng	
36) 4-Chloro-3-methylphenol	8.716	107	312561	39.051	ng	96
37) 2-Methylnaphthalene	8.887	142	716404	44.475	ng	100
38) 1-Methylnaphthalene	8.987	142	666369	42.165	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	334701	53.410	ng	99
41) Hexachlorocyclopentadiene	9.039	237	277522	127.276	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	219132	49.391	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139944.D
 Acq On : 22 Oct 2024 22:46
 Operator : RC/JU
 Sample : P4431-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11934MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
 Supervised By :mohammad ahmed 10/24/2024

Quant Time: Oct 23 01:14:25 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)
44) 2,4,5-Trichlorophenol	9.198	196	203073	44.364	ng	98
46) 1,1'-Biphenyl	9.351	154	830900	51.385	ng	99
47) 2-Chloronaphthalene	9.375	162	639075	49.070	ng	99
48) 2-Nitroaniline	9.463	65	200362	50.301	ng	96
49) Acenaphthylene	9.792	152	973712	51.715	ng	99
50) Dimethylphthalate	9.645	163	726821	50.235	ng	100
51) 2,6-Dinitrotoluene	9.710	165	148527	47.412	ng	92
52) Acenaphthene	9.963	154	604440	49.626	ng	99
53) 3-Nitroaniline	9.875	138	79016	24.459	ng	95
54) 2,4-Dinitrophenol	9.975	184	60266	49.052	ng #	67
55) Dibenzofuran	10.134	168	817038	46.753	ng	98
56) 4-Nitrophenol	10.028	139	229783	92.451	ng	97
57) 2,4-Dinitrotoluene	10.110	165	188724	48.989	ng	95
58) Fluorene	10.475	166	611052	45.908	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	158711	44.229	ng	96
60) Diethylphthalate	10.345	149	659869	46.451	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	307503	45.748	ng	98
62) 4-Nitroaniline	10.486	138	117257	38.430	ng	95
63) Azobenzene	10.628	77	674261	44.770	ng	96
65) 4,6-Dinitro-2-methylph...	10.516	198	53763	37.335	ng	92
66) n-Nitrosodiphenylamine	10.586	169	541631	51.261	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	184226	50.655	ng	98
68) Hexachlorobenzene	11.022	284	199455	48.763	ng	98
69) Atrazine	11.110	200	171458	59.904	ng	100
70) Pentachlorophenol	11.216	266	283978	114.396	ng	99
71) Phenanthrene	11.439	178	1132342	67.904	ng	100
72) Anthracene	11.492	178	892589	54.860	ng	100
73) Carbazole	11.639	167	787423	52.038	ng	100
74) Di-n-butylphthalate	11.975	149	945733	54.097	ng	99
75) Fluoranthene	12.627	202	1598865	94.844	ng	99
77) Benzidine	12.745	184	230497	46.054	ng	99
78) Pyrene	12.857	202	1620393	60.819	ng	99
80) Butylbenzylphthalate	13.474	149	437471	54.769	ng	98
81) Benzo(a)anthracene	14.045	228	1416631	71.497	ng	98
82) 3,3'-Dichlorobenzidine	14.010	252	171417	29.672	ng	99
83) Chrysene	14.086	228	1183999	65.173	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	653661	72.940	ng	100
85) Di-n-octyl phthalate	14.651	149	1168565	71.690	ng #	100
87) Indeno(1,2,3-cd)pyrene	17.033	276	825504	48.924	ng	96
88) Benzo(b)fluoranthene	15.104	252	1350871	84.551	ng	99
89) Benzo(k)fluoranthene	15.133	252	808305	58.663	ng	99
90) Benzo(a)pyrene	15.474	252	962129	73.186	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	583239	41.435	ng	98
92) Benzo(g,h,i)perylene	17.486	276	657238	46.745	ng	97

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

