

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
 Data File : BF135265.D
 Acq On : 14 Sep 2023 21:09
 Operator : CG\JU
 Sample : 04399-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023

Quant Time: Sep 15 01:36:48 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 12 00:19:07 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	133790	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	493836	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	223626	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	350826	20.000	ng	0.00
76) Chrysene-d12	13.951	240	226683	20.000	ng	0.00
86) Perylene-d12	15.415	264	253905	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	651659	79.220	ng	0.02
7) Phenol-d6	6.416	99	801520	76.629	ng	0.01
23) Nitrobenzene-d5	7.328	82	512847	56.421	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	148414	66.784	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	895628	60.425	ng	0.00
79) Terphenyl-d14	12.886	244	692323	47.345	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	124550	34.539	ng	99
3) Pyridine	3.322	79	309096	31.848	ng	98
4) n-Nitrosodimethylamine	3.287	42	210879	40.946	ng	97
6) Aniline	6.434	93	374026	27.269	ng	# 83
8) 2-Chlorophenol	6.551	128	358112	40.782	ng	99
9) Benzaldehyde	6.316	77	129099	21.666	ng	99
10) Phenol	6.428	94	412761	35.988	ng	80
11) bis(2-Chloroethyl)ether	6.504	93	339228	39.430	ng	98
12) 1,3-Dichlorobenzene	6.704	146	358990	40.226	ng	100
13) 1,4-Dichlorobenzene	6.781	146	365019	40.202	ng	99
14) 1,2-Dichlorobenzene	6.934	146	343337	40.719	ng	97
15) Benzyl Alcohol	6.916	79	306323	40.812	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.039	45	632969	39.032	ng	90
17) 2-Methylphenol	7.028	107	277192	35.771	ng	96
18) Hexachloroethane	7.269	117	134142	39.985	ng	92
19) n-Nitroso-di-n-propyla...	7.181	70	237612	36.676	ng	94
20) 3+4-Methylphenols	7.181	107	323057	34.670	ng	94
22) Acetophenone	7.175	105	461935	40.914	ng	# 97
24) Nitrobenzene	7.351	77	369568	41.135	ng	99
25) Isophorone	7.586	82	673627	40.359	ng	97
26) 2-Nitrophenol	7.663	139	166574	38.631	ng	98
27) 2,4-Dimethylphenol	7.704	122	266138	36.720	ng	97
28) bis(2-Chloroethoxy)met...	7.798	93	417701	41.812	ng	100
29) 2,4-Dichlorophenol	7.910	162	265806	39.578	ng	98
30) 1,2,4-Trichlorobenzene	7.986	180	301736	42.984	ng	99
31) Naphthalene	8.069	128	972509	40.531	ng	100
32) Benzoic acid	7.828	122	132574m	24.291	ng	
33) 4-Chloroaniline	8.122	127	287057	27.268	ng	98
34) Hexachlorobutadiene	8.181	225	177592	41.957	ng	99
35) Caprolactam	8.498	113	80560m	35.741	ng	
36) 4-Chloro-3-methylphenol	8.610	107	278133	37.262	ng	97
37) 2-Methylnaphthalene	8.757	142	602425	37.351	ng	100
38) 1-Methylnaphthalene	8.857	142	576967	38.209	ng	99
40) 1,2,4,5-Tetrachloroben...	8.922	216	289149	44.631	ng	99
41) Hexachlorocyclopentadiene	8.904	237	100866	39.456	ng	98
43) 2,4,6-Trichlorophenol	9.039	196	174811	41.211	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
 Data File : BF135265.D
 Acq On : 14 Sep 2023 21:09
 Operator : CG\JU
 Sample : 04399-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11930MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/15/2023
 Supervised By :mohammad ahmed 09/15/2023

Quant Time: Sep 15 01:36:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	174387	35.699	ng	99
46) 1,1'-Biphenyl	9.228	154	756167	44.001	ng	99
47) 2-Chloronaphthalene	9.251	162	553599	44.398	ng	99
48) 2-Nitroaniline	9.351	65	195933	40.447	ng	97
49) Acenaphthylene	9.663	152	870146	41.990	ng	99
50) Dimethylphthalate	9.533	163	630779	41.720	ng	100
51) 2,6-Dinitrotoluene	9.598	165	134377	40.571	ng	86
52) Acenaphthene	9.839	154	502002	41.008	ng	98
53) 3-Nitroaniline	9.769	138	133987	34.462	ng	90
54) 2,4-Dinitrophenol	9.875	184	17520	14.838	ng	# 91
55) Dibenzofuran	10.010	168	750985	40.201	ng	97
56) 4-Nitrophenol	9.939	139	152951	61.899	ng	97
57) 2,4-Dinitrotoluene	10.004	165	160572	38.724	ng	94
58) Fluorene	10.351	166	546482	38.053	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.133	232	120240	31.998	ng	99
60) Diethylphthalate	10.233	149	606464	39.968	ng	100
61) 4-Chlorophenyl-phenyle...	10.345	204	268201	38.878	ng	97
62) 4-Nitroaniline	10.380	138	118806	31.790	ng	98
63) Azobenzene	10.510	77	553794	37.292	ng	99
65) 4,6-Dinitro-2-methylph...	10.410	198	15884	8.524	ng	90
66) n-Nitrosodiphenylamine	10.469	169	484850	45.650	ng	100
67) 4-Bromophenyl-phenylether	10.839	248	159938	45.838	ng	99
68) Hexachlorobenzene	10.904	284	168595	47.429	ng	100
69) Atrazine	11.004	200	142774	49.959	ng	98
70) Pentachlorophenol	11.104	266	130097	61.171	ng	97
71) Phenanthrene	11.322	178	752831	45.372	ng	99
72) Anthracene	11.369	178	730875	42.853	ng	98
73) Carbazole	11.533	167	643654	41.457	ng	99
74) Di-n-butylphthalate	11.863	149	851722	46.555	ng	99
75) Fluoranthene	12.516	202	816162	47.206	ng	98
77) Benzidine	12.639	184	215164	46.331	ng	98
78) Pyrene	12.745	202	806136	37.352	ng	100
80) Butylbenzylphthalate	13.368	149	302942	39.868	ng	98
81) Benzo(a)anthracene	13.945	228	641510	43.826	ng	99
82) 3,3'-Dichlorobenzidine	13.910	252	199357	43.603	ng	98
83) Chrysene	13.980	228	651987	44.801	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	473302	60.699	ng	97
85) Di-n-octyl phthalate	14.551	149	793962	64.072	ng	# 93
87) Indeno(1,2,3-cd)pyrene	16.898	276	558922	33.574	ng	99
88) Benzo(b)fluoranthene	14.992	252	704716	51.271	ng	99
89) Benzo(k)fluoranthene	15.021	252	554833	40.864	ng	99
90) Benzo(a)pyrene	15.357	252	557131	42.505	ng	100
91) Dibenzo(a,h)anthracene	16.915	278	441055	32.380	ng	98
92) Benzo(g,h,i)perylene	17.345	276	435628	30.622	ng	98

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

