

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135591.D
 Acq On : 05 Oct 2023 02:33
 Operator : CG\JU
 Sample : 04668-07MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200027MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/05/2023
 Supervised By :mohammad ahmed 10/06/2023

Quant Time: Oct 05 06:50:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	125031	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	468936	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	162939	20.000	ng	0.01
64) Phenanthrene-d10	11.310	188	129735m	20.000	ng	0.04
76) Chrysene-d12	13.951	240	189529	20.000	ng	# 0.02
86) Perylene-d12	15.398	264	288687	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	732343	95.266	ng	0.00
7) Phenol-d6	6.392	99	887166	90.759	ng	0.00
23) Nitrobenzene-d5	7.310	82	552901	64.057	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	119302	73.679	ng	0.02
45) 2-Fluorobiphenyl	9.098	172	865909	80.178	ng	0.00
79) Terphenyl-d14	12.904	244	425340	34.789	ng	0.04
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.475	88	141800	42.077	ng	100
3) Pyridine	3.228	79	314502	34.675	ng	98
4) n-Nitrosodimethylamine	3.198	42	214420	44.550	ng	94
6) Aniline	6.410	93	314675	24.549	ng	# 1
8) 2-Chlorophenol	6.534	128	364865	44.461	ng	94
9) Benzaldehyde	6.298	77	74270	13.337	ng	99
10) Phenol	6.410	94	439440	40.998	ng	87
11) bis(2-Chloroethyl)ether	6.481	93	364041	45.278	ng	98
12) 1,3-Dichlorobenzene	6.681	146	359814	43.143	ng	98
13) 1,4-Dichlorobenzene	6.757	146	367661	43.330	ng	99
14) 1,2-Dichlorobenzene	6.904	146	338112	42.909	ng	99
15) Benzyl Alcohol	6.892	79	301088	42.924	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.016	45	631566	41.674	ng	58
17) 2-Methylphenol	7.010	107	279643	38.615	ng	# 91
18) Hexachloroethane	7.239	117	139962	44.642	ng	90
19) n-Nitroso-di-n-propyla...	7.157	70	241334	39.860	ng	94
20) 3+4-Methylphenols	7.163	107	355026	40.770	ng	# 73
22) Acetophenone	7.151	105	471180	43.949	ng	# 91
24) Nitrobenzene	7.328	77	378420	44.357	ng	99
25) Isophorone	7.563	82	688842	43.462	ng	99
26) 2-Nitrophenol	7.639	139	191599	46.794	ng	94
27) 2,4-Dimethylphenol	7.686	122	262756	38.178	ng	100
28) bis(2-Chloroethoxy)met...	7.775	93	422419	44.529	ng	100
29) 2,4-Dichlorophenol	7.886	162	294756	46.219	ng	99
30) 1,2,4-Trichlorobenzene	7.963	180	298051	44.714	ng	100
31) Naphthalene	8.039	128	987506	43.342	ng	99
32) Benzoic acid	7.845	122	229867	44.355	ng	97
33) 4-Chloroaniline	8.104	127	140062	14.011	ng	98
34) Hexachlorobutadiene	8.151	225	176972	44.030	ng	100
35) Caprolactam	8.498	113	93412	43.644	ng	# 74
36) 4-Chloro-3-methylphenol	8.598	107	308064	43.463	ng	100
37) 2-Methylnaphthalene	8.733	142	592144	38.663	ng	99
38) 1-Methylnaphthalene	8.833	142	565187	39.416	ng	97
40) 1,2,4,5-Tetrachloroben...	8.898	216	279436	59.196	ng	98
41) Hexachlorocyclopentadiene	8.880	237	157634	76.175	ng	99
43) 2,4,6-Trichlorophenol	9.022	196	173479	56.129	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135591.D
 Acq On : 05 Oct 2023 02:33
 Operator : CG\JU
 Sample : 04668-07MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200027MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/05/2023
 Supervised By :mohammad ahmed 10/06/2023

Quant Time: Oct 05 06:50:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	186702	52.455	ng	# 92
46) 1,1'-Biphenyl	9.198	154	695166	55.517	ng	99
47) 2-Chloronaphthalene	9.227	162	495261	54.513	ng	98
48) 2-Nitroaniline	9.333	65	210262	59.572	ng	97
49) Acenaphthylene	9.645	152	743968	49.273	ng	97
50) Dimethylphthalate	9.510	163	555686	50.442	ng	# 98
51) 2,6-Dinitrotoluene	9.580	165	127711	52.919	ng	85
52) Acenaphthene	9.816	154	397243	44.536	ng	98
53) 3-Nitroaniline	9.751	138	91833	32.417	ng	# 86
54) 2,4-Dinitrophenol	9.874	184	97644	71.953	ng	87
55) Dibenzofuran	9.998	168	563168	41.376	ng	94
56) 4-Nitrophenol	9.939	139	140268	77.909	ng	# 64
57) 2,4-Dinitrotoluene	9.992	165	138126	45.718	ng	# 94
58) Fluorene	10.345	166	369487	35.311	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.127	232	93118	34.010	ng	# 91
60) Diethylphthalate	10.216	149	443864	40.147	ng	96
61) 4-Chlorophenyl-phenyle...	10.333	204	176992	35.212	ng	# 88
62) 4-Nitroaniline	10.369	138	75413	27.694	ng	84
63) Azobenzene	10.498	77	362748	33.525	ng	92
65) 4,6-Dinitro-2-methylph...	10.410	198	46893	68.053	ng	# 1
66) n-Nitrosodiphenylamine	10.457	169	330073	84.038	ng	97
67) 4-Bromophenyl-phenylether	10.833	248	81320	63.024	ng	# 75
68) Hexachlorobenzene	10.916	284	87230	66.358	ng	# 60
69) Atrazine	11.016	200	77603	73.430	ng	# 61
70) Pentachlorophenol	11.121	266	57081	72.578	ng	96
71) Phenanthrene	11.333	178	285900m	46.595	ng	
72) Anthracene	11.386	178	290117m	45.999	ng	
73) Carbazole	11.545	167	257711	44.886	ng	# 81
74) Di-n-butylphthalate	11.874	149	320253m	47.337	ng	
75) Fluoranthene	12.545	202	342227	53.527	ng	95
77) Benzidine	12.663	184	31680	8.159	ng	# 1
78) Pyrene	12.768	202	391718	21.708	ng	96
80) Butylbenzylphthalate	13.362	149	217222	34.191	ng	# 86
81) Benzo(a)anthracene	13.945	228	569094	46.501	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	79060	20.682	ng	# 95
83) Chrysene	13.980	228	530291	43.582	ng	99
84) Bis(2-ethylhexyl)phtha...	13.915	149	400220	61.388	ng	99
85) Di-n-octyl phthalate	14.527	149	773798	74.686	ng	94
87) Indeno(1,2,3-cd)pyrene	16.892	276	866267	45.766	ng	99
88) Benzo(b)fluoranthene	14.980	252	667460m	42.710	ng	
89) Benzo(k)fluoranthene	15.009	252	628098	40.687	ng	99
90) Benzo(a)pyrene	15.339	252	618305	41.488	ng	100
91) Dibenzo(a,h)anthracene	16.892	278	703549	45.427	ng	99
92) Benzo(g,h,i)perylene	17.333	276	742254	45.890	ng	97

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

