

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
 Data File : BF133236.D
 Acq On : 04 May 2023 18:02
 Operator : CG\JU
 Sample : 02604-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TF-1MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/05/2023
 Supervised By : Jagrut Upadhyay 05/05/2023

Quant Time: May 05 05:36:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 04 12:22:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	206161	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	835022	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	434263	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	768419	20.000	ng	0.00
76) Chrysene-d12	13.880	240	358024	20.000	ng	0.00
86) Perylene-d12	15.292	264	406438	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1273069	93.282	ng	0.01
7) Phenol-d6	6.375	99	1595142	94.167	ng	0.00
23) Nitrobenzene-d5	7.292	82	978854	63.274	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	416179	95.293	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1717867	66.181	ng	0.00
79) Terphenyl-d14	12.833	244	1801225	86.768	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.469	88	272973	43.122	ng	97
3) Pyridine	3.163	79	690033	41.042	ng	97
4) n-Nitrosodimethylamine	3.122	42	382506	43.923	ng	98
6) Aniline	6.392	93	780919	35.793	ng	# 90
8) 2-Chlorophenol	6.510	128	670629	48.398	ng	98
9) Benzaldehyde	6.269	77	359079	50.043	ng	98
10) Phenol	6.386	94	798558	42.733	ng	# 73
11) bis(2-Chloroethyl)ether	6.463	93	628655	44.830	ng	99
12) 1,3-Dichlorobenzene	6.669	146	692828	47.028	ng	99
13) 1,4-Dichlorobenzene	6.745	146	704234	47.697	ng	99
14) 1,2-Dichlorobenzene	6.898	146	670011	49.221	ng	98
15) Benzyl Alcohol	6.875	79	561822	48.014	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.010	45	1031172	42.337	ng	97
17) 2-Methylphenol	6.992	107	547689	43.165	ng	98
18) Hexachloroethane	7.239	117	244586	47.647	ng	96
19) n-Nitroso-di-n-propyla...	7.151	70	427256	40.515	ng	96
20) 3+4-Methylphenols	7.145	107	645132	43.174	ng	94
22) Acetophenone	7.139	105	866662	44.805	ng	# 96
24) Nitrobenzene	7.316	77	682132	43.514	ng	98
25) Isophorone	7.551	82	1275977	43.442	ng	97
26) 2-Nitrophenol	7.628	139	376837	49.839	ng	99
27) 2,4-Dimethylphenol	7.675	122	606816	46.804	ng	98
28) bis(2-Chloroethoxy)met...	7.769	93	758062	43.626	ng	99
29) 2,4-Dichlorophenol	7.875	162	552825	46.839	ng	100
30) 1,2,4-Trichlorobenzene	7.957	180	565845	46.276	ng	99
31) Naphthalene	8.039	128	1864407	44.658	ng	100
32) Benzoic acid	7.810	122	425687m	53.155	ng	
33) 4-Chloroaniline	8.080	127	294984	17.488	ng	97
34) Hexachlorobutadiene	8.157	225	309099	45.610	ng	97
35) Caprolactam	8.469	113	203136m	51.233	ng	
36) 4-Chloro-3-methylphenol	8.575	107	605466	47.571	ng	97
37) 2-Methylnaphthalene	8.727	142	1238001	43.374	ng	99
38) 1-Methylnaphthalene	8.827	142	1153901	43.216	ng	100
40) 1,2,4,5-Tetrachloroben...	8.892	216	499997	42.822	ng	99
41) Hexachlorocyclopentadiene	8.880	237	580981	85.319	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	369353	45.741	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
 Data File : BF133236.D
 Acq On : 04 May 2023 18:02
 Operator : CG\JU
 Sample : 02604-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TF-1MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/05/2023
 Supervised By : Jagrut Upadhyay 05/05/2023

Quant Time: May 05 05:36:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 04 12:22:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	400793	42.917	ng	96
46) 1,1'-Biphenyl	9.192	154	1502872	43.644	ng	99
47) 2-Chloronaphthalene	9.216	162	1140543	45.252	ng	99
48) 2-Nitroaniline	9.310	65	380044	45.624	ng	96
49) Acenaphthylene	9.627	152	1773021	44.026	ng	100
50) Dimethylphthalate	9.498	163	1345045	44.420	ng	99
51) 2,6-Dinitrotoluene	9.557	165	322509	47.321	ng	# 84
52) Acenaphthene	9.804	154	1301351m	48.247	ng	
53) 3-Nitroaniline	9.722	138	235655	29.080	ng	99
54) 2,4-Dinitrophenol	9.833	184	348338	101.683	ng	92
55) Dibenzofuran	9.974	168	1583677	43.043	ng	99
56) 4-Nitrophenol	9.898	139	573330	91.348	ng	96
57) 2,4-Dinitrotoluene	9.957	165	418187	48.115	ng	99
58) Fluorene	10.316	166	1162953	43.142	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	328913	45.430	ng	99
60) Diethylphthalate	10.192	149	1270144	44.408	ng	100
61) 4-Chlorophenyl-phenyle...	10.304	204	556632	42.374	ng	95
62) 4-Nitroaniline	10.339	138	363952	48.866	ng	98
63) Azobenzene	10.469	77	1340370	44.238	ng	97
65) 4,6-Dinitro-2-methylph...	10.369	198	242489	52.064	ng	93
66) n-Nitrosodiphenylamine	10.427	169	1103596	44.276	ng	100
67) 4-Bromophenyl-phenylether	10.798	248	360941	43.310	ng	98
68) Hexachlorobenzene	10.863	284	389169	45.572	ng	96
69) Atrazine	10.957	200	375603	52.297	ng	99
70) Pentachlorophenol	11.057	266	450950	74.146	ng	98
71) Phenanthrene	11.274	178	1789883	43.338	ng	99
72) Anthracene	11.327	178	1840670	43.549	ng	99
73) Carbazole	11.480	167	1668145	44.324	ng	99
74) Di-n-butylphthalate	11.816	149	1965145	46.141	ng	100
75) Fluoranthene	12.457	202	1723900	41.590	ng	99
77) Benzidine	12.580	184	795640	131.416	ng	# 93
78) Pyrene	12.686	202	1706470	55.602	ng	99
80) Butylbenzylphthalate	13.310	149	692514	63.727	ng	99
81) Benzo(a)anthracene	13.868	228	1083418	44.005	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	237502	34.920	ng	100
83) Chrysene	13.910	228	1080429	43.895	ng	99
84) Bis(2-ethylhexyl)phtha...	13.868	149	747509	54.803	ng	99
85) Di-n-octyl phthalate	14.480	149	1190953	53.549	ng	98
87) Indeno(1,2,3-cd)pyrene	16.680	276	1340616	57.988	ng	98
88) Benzo(b)fluoranthene	14.892	252	1195142	46.221	ng	98
89) Benzo(k)fluoranthene	14.921	252	1007032	39.288	ng	99
90) Benzo(a)pyrene	15.239	252	1014868	43.121	ng	99
91) Dibenzo(a,h)anthracene	16.698	278	1118910	58.028	ng	98
92) Benzo(g,h,i)perylene	17.092	276	1064908	55.940	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
 Data File : BF133236.D
 Acq On : 04 May 2023 18:02
 Operator : CG\JU
 Sample : 02604-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TF-1MSD

Quant Time: May 05 05:36:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 04 12:22:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/05/2023
 Supervised By : Jagrut Upadhyay 05/05/2023

