

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136798.D
 Acq On : 28 Dec 2023 17:42
 Operator : CG\JU
 Sample : PB157953BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157953BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/29/2023
 Supervised By :mohammad ahmed 12/29/2023

Quant Time: Dec 28 18:06:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	111431	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	481247	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	244883	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	450311	20.000	ng	0.00
76) Chrysene-d12	13.968	240	214218	20.000	ng	0.00
86) Perylene-d12	15.445	264	217590	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	908278	127.179	ng	0.01
7) Phenol-d6	6.445	99	1132285	122.357	ng	0.00
23) Nitrobenzene-d5	7.357	82	705994	75.068	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	314058	108.895	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1338114	73.494	ng	0.00
79) Terphenyl-d14	12.910	244	1187096	77.441	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	94927	31.901	ng	97
3) Pyridine	3.404	79	213641	29.426	ng	99
4) n-Nitrosodimethylamine	3.363	42	158124	40.784	ng	92
6) Aniline	6.451	93	268038	28.971	ng	# 33
8) 2-Chlorophenol	6.575	128	359275	45.970	ng	97
9) Benzaldehyde	6.339	77	95587	18.160	ng	99
10) Phenol	6.457	94	413154	41.823	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	326141	43.413	ng	100
12) 1,3-Dichlorobenzene	6.728	146	313671	36.791	ng	96
13) 1,4-Dichlorobenzene	6.804	146	326295	37.456	ng	96
14) 1,2-Dichlorobenzene	6.951	146	315569	38.930	ng	98
15) Benzyl Alcohol	6.939	79	291958	46.765	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	522996	42.580	ng	90
17) 2-Methylphenol	7.051	107	279149	43.115	ng	94
18) Hexachloroethane	7.292	117	123088	38.906	ng	91
19) n-Nitroso-di-n-propyla...	7.210	70	237308	42.303	ng	98
20) 3+4-Methylphenols	7.204	107	344207	42.554	ng	# 81
22) Acetophenone	7.198	105	488123	40.466	ng	# 94
24) Nitrobenzene	7.375	77	355007	37.682	ng	96
25) Isophorone	7.610	82	673088	39.332	ng	99
26) 2-Nitrophenol	7.686	139	186237	41.318	ng	99
27) 2,4-Dimethylphenol	7.728	122	305334	55.642	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	415247	39.920	ng	100
29) 2,4-Dichlorophenol	7.928	162	290446	41.112	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	290776	36.941	ng	98
31) Naphthalene	8.086	128	980351	37.081	ng	100
32) Benzoic acid	7.898	122	248047m	46.717	ng	
33) 4-Chloroaniline	8.139	127	250834	25.696	ng	97
34) Hexachlorobutadiene	8.198	225	173749	36.331	ng	99
35) Caprolactam	8.533	113	94032m	40.346	ng	
36) 4-Chloro-3-methylphenol	8.633	107	318053	39.990	ng	98
37) 2-Methylnaphthalene	8.775	142	647389	38.048	ng	98
38) 1-Methylnaphthalene	8.875	142	597967	35.821	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	300398	39.610	ng	99
41) Hexachlorocyclopentadiene	8.928	237	143650	60.667	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	206025	42.360	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136798.D
 Acq On : 28 Dec 2023 17:42
 Operator : CG\JU
 Sample : PB157953BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157953BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/29/2023
 Supervised By :mohammad ahmed 12/29/2023

Quant Time: Dec 28 18:06:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	215125	39.692	ng	97
46) 1,1'-Biphenyl	9.245	154	819061	39.858	ng	99
47) 2-Chloronaphthalene	9.269	162	604735	38.711	ng	99
48) 2-Nitroaniline	9.375	65	197345	40.340	ng	96
49) Acenaphthylene	9.686	152	918378	38.461	ng	99
50) Dimethylphthalate	9.557	163	715475	40.000	ng	100
51) 2,6-Dinitrotoluene	9.622	165	155790	38.377	ng	95
52) Acenaphthene	9.857	154	567548	38.344	ng	100
53) 3-Nitroaniline	9.786	138	129691	30.159	ng	100
54) 2,4-Dinitrophenol	9.904	184	173290	77.163	ng	93
55) Dibenzofuran	10.033	168	848419	37.813	ng	97
56) 4-Nitrophenol	9.969	139	212123	73.073	ng	97
57) 2,4-Dinitrotoluene	10.027	165	187159	35.514	ng	# 91
58) Fluorene	10.375	166	671945	37.743	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	182616	43.770	ng	97
60) Diethylphthalate	10.257	149	718253	38.702	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	327025	37.791	ng	94
62) 4-Nitroaniline	10.410	138	137600m	33.193	ng	
63) Azobenzene	10.527	77	659321	38.036	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	113222	43.872	ng	95
66) n-Nitrosodiphenylamine	10.492	169	605010	41.359	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	202882	40.568	ng	99
68) Hexachlorobenzene	10.922	284	220942	39.644	ng	97
69) Atrazine	11.027	200	212893	56.901	ng	97
70) Pentachlorophenol	11.122	266	202833	78.081	ng	98
71) Phenanthrene	11.339	178	931173	40.300	ng	99
72) Anthracene	11.392	178	935761	39.990	ng	99
73) Carbazole	11.551	167	809886	36.710	ng	99
74) Di-n-butylphthalate	11.880	149	1033644	38.396	ng	99
75) Fluoranthene	12.533	202	862196	34.885	ng	98
77) Benzidine	12.657	184	39711	6.287	ng	98
78) Pyrene	12.763	202	851502	40.492	ng	99
80) Butylbenzylphthalate	13.386	149	325623	42.555	ng	99
81) Benzo(a)anthracene	13.957	228	600235	40.352	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	183925	43.539	ng	97
83) Chrysene	13.998	228	574196	39.474	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	424072	44.048	ng	98
85) Di-n-octyl phthalate	14.562	149	704816	47.328	ng	98
87) Indeno(1,2,3-cd)pyrene	16.962	276	791679	50.392	ng	100
88) Benzo(b)fluoranthene	15.015	252	602153	41.433	ng	99
89) Benzo(k)fluoranthene	15.045	252	600686	43.742	ng	99
90) Benzo(a)pyrene	15.386	252	541899	44.174	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	659009	51.131	ng	98
92) Benzo(g,h,i)perylene	17.427	276	668452	50.637	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136798.D
Acq On : 28 Dec 2023 17:42
Operator : CG\JU
Sample : PB157953BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB157953BS

Quant Time: Dec 28 18:06:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

