

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120523\
 Data File : BF136400.D
 Acq On : 05 Dec 2023 11:07
 Operator : CG\JU
 Sample : PB157451BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157451BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/06/2023
 Supervised By :mohammad ahmed 12/07/2023

Quant Time: Dec 05 11:37:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:30:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	155460	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	689625	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	365064	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	695524	20.000	ng	0.01
76) Chrysene-d12	13.992	240	357062	20.000	ng	0.01
86) Perylene-d12	15.474	264	306858	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1376884	123.274	ng	0.02
7) Phenol-d6	6.457	99	1725505	123.553	ng	0.01
23) Nitrobenzene-d5	7.375	82	1060519	81.263	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	587331	131.594	ng	0.01
45) 2-Fluorobiphenyl	9.169	172	2190674	76.648	ng	0.00
79) Terphenyl-d14	12.933	244	2555932	82.569	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.710	88	157474	37.262	ng	94
3) Pyridine	3.463	79	361104	34.614	ng	92
4) n-Nitrosodimethylamine	3.440	42	200578	38.035	ng	83
6) Aniline	6.475	93	515270	39.035	ng	# 80
8) 2-Chlorophenol	6.598	128	549216	45.160	ng	90
9) Benzaldehyde	6.357	77	156210	20.068	ng	93
10) Phenol	6.469	94	623930	41.643	ng	84
11) bis(2-Chloroethyl)ether	6.551	93	497647	45.276	ng	93
12) 1,3-Dichlorobenzene	6.745	146	555133	40.223	ng	98
13) 1,4-Dichlorobenzene	6.822	146	564806	40.256	ng	96
14) 1,2-Dichlorobenzene	6.975	146	541967	40.803	ng	97
15) Benzyl Alcohol	6.957	79	434739	44.399	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.087	45	625253	40.953	ng	95
17) 2-Methylphenol	7.069	107	446205	46.668	ng	97
18) Hexachloroethane	7.310	117	200086	40.657	ng	98
19) n-Nitroso-di-n-propyla...	7.228	70	363576	43.528	ng	95
20) 3+4-Methylphenols	7.222	107	529643	42.623	ng	90
22) Acetophenone	7.222	105	754750	41.672	ng	# 96
24) Nitrobenzene	7.393	77	529734	40.055	ng	96
25) Isophorone	7.634	82	1011480	42.984	ng	96
26) 2-Nitrophenol	7.704	139	282656	50.162	ng	95
27) 2,4-Dimethylphenol	7.745	122	479111	64.599	ng	95
28) bis(2-Chloroethoxy)met...	7.840	93	621183	43.641	ng	97
29) 2,4-Dichlorophenol	7.951	162	459780	45.961	ng	98
30) 1,2,4-Trichlorobenzene	8.028	180	499866	40.812	ng	97
31) Naphthalene	8.110	128	1591715	41.063	ng	98
32) Benzoic acid	7.898	122	376084	55.639	ng	98
33) 4-Chloroaniline	8.157	127	464096	35.223	ng	97
34) Hexachlorobutadiene	8.222	225	278879	38.920	ng	99
35) Caprolactam	8.557	113	139695m	49.952	ng	
36) 4-Chloro-3-methylphenol	8.651	107	502336	46.299	ng	99
37) 2-Methylnaphthalene	8.798	142	1046593	43.043	ng	97
38) 1-Methylnaphthalene	8.898	142	967989	40.809	ng	94
40) 1,2,4,5-Tetrachloroben...	8.969	216	497395	42.812	ng	98
41) Hexachlorocyclopentadiene	8.951	237	514699	115.132	ng	98
43) 2,4,6-Trichlorophenol	9.081	196	337670	44.778	ng	93

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120523\
 Data File : BF136400.D
 Acq On : 05 Dec 2023 11:07
 Operator : CG\JU
 Sample : PB157451BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157451BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/06/2023
 Supervised By :mohammad ahmed 12/07/2023

Quant Time: Dec 05 11:37:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:30:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	369314	44.877	ng	99
46) 1,1'-Biphenyl	9.269	154	1344571	41.766	ng	98
47) 2-Chloronaphthalene	9.292	162	1029456	41.177	ng	97
48) 2-Nitroaniline	9.392	65	298370	45.711	ng	88
49) Acenaphthylene	9.710	152	1532113	42.943	ng	99
50) Dimethylphthalate	9.581	163	1254888	45.480	ng	# 99
51) 2,6-Dinitrotoluene	9.639	165	262328	46.538	ng	93
52) Acenaphthene	9.881	154	962011	42.668	ng	96
53) 3-Nitroaniline	9.810	138	235423	42.091	ng	90
54) 2,4-Dinitrophenol	9.922	184	292968	111.750	ng	89
55) Dibenzofuran	10.057	168	1375885	41.010	ng	98
56) 4-Nitrophenol	9.986	139	425072	100.065	ng	# 82
57) 2,4-Dinitrotoluene	10.045	165	353722	46.978	ng	# 89
58) Fluorene	10.398	166	1104324	41.964	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.175	232	314117	47.973	ng	98
60) Diethylphthalate	10.281	149	1209420	43.818	ng	97
61) 4-Chlorophenyl-phenyle...	10.392	204	542855	42.477	ng	96
62) 4-Nitroaniline	10.433	138	270905	49.482	ng	94
63) Azobenzene	10.551	77	1075530	42.032	ng	96
65) 4,6-Dinitro-2-methylph...	10.457	198	205867	54.126	ng	94
66) n-Nitrosodiphenylamine	10.516	169	1009359	45.285	ng	98
67) 4-Bromophenyl-phenylether	10.881	248	360177	44.387	ng	97
68) Hexachlorobenzene	10.945	284	399269	42.515	ng	94
69) Atrazine	11.045	200	236455	35.762	ng	98
70) Pentachlorophenol	11.145	266	426855	80.409	ng	96
71) Phenanthrene	11.363	178	1700408	43.498	ng	98
72) Anthracene	11.416	178	1734105	44.235	ng	98
73) Carbazole	11.575	167	1458961	43.758	ng	100
74) Di-n-butylphthalate	11.904	149	1957349	46.919	ng	98
75) Fluoranthene	12.557	202	1636986	41.250	ng	95
77) Benzidine	12.680	184	317214	54.045	ng	100
78) Pyrene	12.786	202	1625737	41.574	ng	98
80) Butylbenzylphthalate	13.410	149	665650	54.695	ng	99
81) Benzo(a)anthracene	13.980	228	1107643	41.764	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	393755	61.677	ng	96
83) Chrysene	14.021	228	1096452	42.818	ng	97
84) Bis(2-ethylhexyl)phtha...	13.974	149	847899	58.052	ng	# 97
85) Di-n-octyl phthalate	14.592	149	1320654	54.848	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	1035014	45.285	ng	98
88) Benzo(b)fluoranthene	15.039	252	1034597	48.057	ng	99
89) Benzo(k)fluoranthene	15.074	252	886402	43.351	ng	98
90) Benzo(a)pyrene	15.416	252	819644	46.573	ng	98
91) Dibenzo(a,h)anthracene	17.015	278	866566	47.124	ng	99
92) Benzo(g,h,i)perylene	17.462	276	832001	45.156	ng	98

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

