

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
 Data File : BF138884.D
 Acq On : 09 Aug 2024 12:23
 Operator : RC/JU
 Sample : PB162423BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162423BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/10/2024
 Supervised By :mohammad ahmed 08/12/2024

Quant Time: Aug 09 12:54:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	54661	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	239610	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	137458	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	237762	20.000	ng	0.00
76) Chrysene-d12	14.004	240	114847	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	99135	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	477615	134.881	ng	0.02
7) Phenol-d6	6.493	99	631214	132.770	ng	0.00
23) Nitrobenzene-d5	7.410	82	415059	84.691	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	152861	135.760	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	795512	86.954	ng	0.00
79) Terphenyl-d14	12.945	244	806212	117.532	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	46677	30.109	ng	95
3) Pyridine	3.469	79	125908	33.527	ng	94
4) n-Nitrosodimethylamine	3.434	42	114066	50.998	ng	86
6) Aniline	6.510	93	147325	34.748	ng	# 14
8) 2-Chlorophenol	6.634	128	189614	50.896	ng	97
9) Benzaldehyde	6.398	77	114103	40.037	ng	99
10) Phenol	6.510	94	241114	48.169	ng	84
11) bis(2-Chloroethyl)ether	6.581	93	176233	45.752	ng	99
12) 1,3-Dichlorobenzene	6.781	146	187684	45.005	ng	98
13) 1,4-Dichlorobenzene	6.857	146	191826	45.580	ng	98
14) 1,2-Dichlorobenzene	7.010	146	185073	47.054	ng	100
15) Benzyl Alcohol	6.992	79	180837	52.775	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	292552	44.132	ng	# 46
17) 2-Methylphenol	7.110	107	150245	48.839	ng	# 85
18) Hexachloroethane	7.345	117	72794	45.950	ng	98
19) n-Nitroso-di-n-propyla...	7.263	70	148488	51.712	ng	98
20) 3+4-Methylphenols	7.263	107	201368	51.017	ng	# 79
22) Acetophenone	7.257	105	255561	43.560	ng	97
24) Nitrobenzene	7.434	77	215643	43.241	ng	99
25) Isophorone	7.669	82	383568	45.835	ng	98
26) 2-Nitrophenol	7.745	139	99896	46.559	ng	95
27) 2,4-Dimethylphenol	7.787	122	129851	50.583	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	227649	44.671	ng	99
29) 2,4-Dichlorophenol	7.992	162	157483	47.741	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	167955	44.120	ng	98
31) Naphthalene	8.145	128	563190	44.654	ng	100
32) Benzoic acid	7.945	122	74199	36.770	ng	97
33) 4-Chloroaniline	8.198	127	97837	23.109	ng	99
34) Hexachlorobutadiene	8.257	225	102412	44.416	ng	99
35) Caprolactam	8.592	113	42993m	43.680	ng	
36) 4-Chloro-3-methylphenol	8.692	107	182831	48.498	ng	99
37) 2-Methylnaphthalene	8.834	142	378251	47.487	ng	99
38) 1-Methylnaphthalene	8.934	142	343784	44.045	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	160044	41.914	ng	99
41) Hexachlorocyclopentadiene	8.981	237	108617	105.078	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	106239	45.633	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
 Data File : BF138884.D
 Acq On : 09 Aug 2024 12:23
 Operator : RC/JU
 Sample : PB162423BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162423BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/10/2024
 Supervised By :mohammad ahmed 08/12/2024

Quant Time: Aug 09 12:54:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	113656	44.656	ng	99
46) 1,1'-Biphenyl	9.304	154	445508	41.383	ng	99
47) 2-Chloronaphthalene	9.328	162	350048	43.720	ng	99
48) 2-Nitroaniline	9.434	65	126588	46.637	ng	98
49) Acenaphthylene	9.739	152	553811	48.769	ng	100
50) Dimethylphthalate	9.604	163	428780	48.785	ng	100
51) 2,6-Dinitrotoluene	9.675	165	90633	45.692	ng	92
52) Acenaphthene	9.916	154	338264	44.313	ng	99
53) 3-Nitroaniline	9.845	138	61549	30.016	ng	98
54) 2,4-Dinitrophenol	9.963	184	85713	93.870	ng	89
55) Dibenzofuran	10.086	168	507209	47.070	ng	99
56) 4-Nitrophenol	10.028	139	98124	79.575	ng	92
57) 2,4-Dinitrotoluene	10.081	165	124396	49.154	ng	# 81
58) Fluorene	10.428	166	408201	47.570	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	98411	50.576	ng	97
60) Diethylphthalate	10.304	149	423903	50.866	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	202449	47.970	ng	97
62) 4-Nitroaniline	10.469	138	83056	42.622	ng	87
63) Azobenzene	10.581	77	440756	47.686	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	69032	47.590	ng	93
66) n-Nitrosodiphenylamine	10.539	169	350266	47.130	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	115981	45.055	ng	95
68) Hexachlorobenzene	10.975	284	120090	45.182	ng	99
69) Atrazine	11.069	200	105046	54.784	ng	98
70) Pentachlorophenol	11.180	266	95431	79.657	ng	98
71) Phenanthrene	11.392	178	572920	46.796	ng	99
72) Anthracene	11.445	178	582679	48.311	ng	99
73) Carbazole	11.598	167	482080	46.329	ng	98
74) Di-n-butylphthalate	11.916	149	650691	55.627	ng	99
75) Fluoranthene	12.575	202	551788	48.278	ng	99
77) Benzidine	12.698	184	35832	13.044	ng	100
78) Pyrene	12.804	202	543880	50.298	ng	99
80) Butylbenzylphthalate	13.416	149	198317	57.273	ng	97
81) Benzo(a)anthracene	13.992	228	369948	46.778	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	67070	33.140	ng	99
83) Chrysene	14.027	228	339194	47.539	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	231124	45.582	ng	100
85) Di-n-octyl phthalate	14.574	149	361521	38.536	ng	98
87) Indeno(1,2,3-cd)pyrene	16.945	276	331590	46.674	ng	96
88) Benzo(b)fluoranthene	15.039	252	296222	48.202	ng	98
89) Benzo(k)fluoranthene	15.068	252	283055	53.198	ng	98
90) Benzo(a)pyrene	15.404	252	270607	52.350	ng	97
91) Dibenzo(a,h)anthracene	16.951	278	269583	46.226	ng	97
92) Benzo(g,h,i)perylene	17.386	276	251836	41.614	ng	96

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

