

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
 Data File : BF137478.D
 Acq On : 04 Mar 2024 13:46
 Operator : CG\JU
 Sample : PB159412BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159412BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/05/2024
 Supervised By :mohammad ahmed 03/05/2024

Quant Time: Mar 04 14:13:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 00:26:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	232578	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	947568	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	521262	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	944911	20.000	ng	0.01
76) Chrysene-d12	14.057	240	538550	20.000	ng	0.00
86) Perylene-d12	15.580	264	466016	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1921982	125.159	ng	0.02
7) Phenol-d6	6.516	99	2676911	120.764	ng	0.01
23) Nitrobenzene-d5	7.434	82	1696241	83.175	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	683759	149.371	ng	0.01
45) 2-Fluorobiphenyl	9.222	172	2717090	81.595	ng	0.00
79) Terphenyl-d14	12.998	244	3265580	83.382	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.799	88	306414	36.492	ng	99
3) Pyridine	3.563	79	687727	33.961	ng	97
4) n-Nitrosodimethylamine	3.546	42	382462	46.733	ng	96
6) Aniline	6.540	93	653161	24.115	ng	96
8) 2-Chlorophenol	6.657	128	778763	48.081	ng	98
9) Benzaldehyde	6.428	77	65568	6.038	ng	92
10) Phenol	6.528	94	1033257	43.308	ng	94
11) bis(2-Chloroethyl)ether	6.610	93	774874	44.321	ng	99
12) 1,3-Dichlorobenzene	6.810	146	785473	45.383	ng	96
13) 1,4-Dichlorobenzene	6.881	146	804419	45.426	ng	97
14) 1,2-Dichlorobenzene	7.034	146	760880	46.812	ng	98
15) Benzyl Alcohol	7.016	79	715767	51.868	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	1280485	42.608	ng	96
17) 2-Methylphenol	7.128	107	645447	42.587	ng	97
18) Hexachloroethane	7.369	117	274005	46.992	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	574590	41.977	ng	98
20) 3+4-Methylphenols	7.281	107	724208	41.722	ng	88
22) Acetophenone	7.275	105	1011353	44.112	ng	# 97
24) Nitrobenzene	7.451	77	903696	44.112	ng	96
25) Isophorone	7.686	82	1722185	44.450	ng	97
26) 2-Nitrophenol	7.763	139	396135	48.705	ng	94
27) 2,4-Dimethylphenol	7.804	122	589769	38.807	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	1018352	44.797	ng	99
29) 2,4-Dichlorophenol	8.004	162	658524	47.213	ng	97
30) 1,2,4-Trichlorobenzene	8.081	180	663128	45.178	ng	99
31) Naphthalene	8.163	128	2184005	42.958	ng	100
32) Benzoic acid	7.951	122	414441	47.439	ng	98
33) 4-Chloroaniline	8.216	127	307506	15.425	ng	99
34) Hexachlorobutadiene	8.281	225	385548	44.492	ng	99
35) Caprolactam	8.598	113	229347m	48.493	ng	
36) 4-Chloro-3-methylphenol	8.704	107	734618	47.119	ng	100
37) 2-Methylnaphthalene	8.857	142	1348763	41.615	ng	99
38) 1-Methylnaphthalene	8.957	142	1282723	42.026	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	659624	45.328	ng	99
41) Hexachlorocyclopentadiene	9.010	237	566757	93.844	ng	97
43) 2,4,6-Trichlorophenol	9.139	196	458596	48.393	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
 Data File : BF137478.D
 Acq On : 04 Mar 2024 13:46
 Operator : CG\JU
 Sample : PB159412BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159412BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/05/2024
 Supervised By :mohammad ahmed 03/05/2024

Quant Time: Mar 04 14:13:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 00:26:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	490028	44.889	ng	96
46) 1,1'-Biphenyl	9.322	154	1684088	44.142	ng	99
47) 2-Chloronaphthalene	9.345	162	1350966	46.445	ng	98
48) 2-Nitroaniline	9.451	65	483387	48.893	ng	96
49) Acenaphthylene	9.763	152	2104279	45.205	ng	99
50) Dimethylphthalate	9.633	163	1635486	45.072	ng	100
51) 2,6-Dinitrotoluene	9.692	165	359677	47.391	ng	97
52) Acenaphthene	9.939	154	1203452	43.304	ng	99
53) 3-Nitroaniline	9.863	138	247387	30.816	ng	99
54) 2,4-Dinitrophenol	9.975	184	373940	98.855	ng	98
55) Dibenzofuran	10.110	168	1817337	42.935	ng	99
56) 4-Nitrophenol	10.039	139	547540	94.970	ng	96
57) 2,4-Dinitrotoluene	10.104	165	446540	47.890	ng	93
58) Fluorene	10.457	166	1370312	42.155	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	416983	47.633	ng	93
60) Diethylphthalate	10.339	149	1542356	45.012	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	677727	42.541	ng	99
62) 4-Nitroaniline	10.492	138	338734	49.094	ng	96
63) Azobenzene	10.610	77	1771568	44.899	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	260401	49.445	ng	95
66) n-Nitrosodiphenylamine	10.575	169	1288363	42.342	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	461370	44.829	ng	98
68) Hexachlorobenzene	11.004	284	493766	47.501	ng	# 90
69) Atrazine	11.104	200	389033	42.058	ng	96
70) Pentachlorophenol	11.204	266	565834	90.045	ng	99
71) Phenanthrene	11.422	178	2196965	42.723	ng	99
72) Anthracene	11.475	178	2221937	42.070	ng	100
73) Carbazole	11.633	167	2034254	44.966	ng	99
74) Di-n-butylphthalate	11.969	149	2393273	44.464	ng	98
75) Fluoranthene	12.616	202	2258762	44.936	ng	99
77) Benzidine	12.751	184	259687	19.704	ng	98
78) Pyrene	12.845	202	2287884	43.295	ng	99
80) Butylbenzylphthalate	13.480	149	696953	51.643	ng	98
81) Benzo(a)anthracene	14.045	228	1695379	44.915	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	401535	39.946	ng	99
83) Chrysene	14.086	228	1706367	44.728	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	852609	49.705	ng	98
85) Di-n-octyl phthalate	14.674	149	1479737	45.139	ng	99
87) Indeno(1,2,3-cd)pyrene	17.180	276	1519002	49.532	ng	98
88) Benzo(b)fluoranthene	15.127	252	1406163	51.010	ng	99
89) Benzo(k)fluoranthene	15.162	252	1416693	47.846	ng	99
90) Benzo(a)pyrene	15.521	252	1285834	47.333	ng	100
91) Dibenzo(a,h)anthracene	17.209	278	1229107	49.407	ng	98
92) Benzo(g,h,i)perylene	17.668	276	1243396	48.668	ng	99

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

