

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022324\
 Data File : BF137374.D
 Acq On : 23 Feb 2024 14:28
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022324

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/27/2024
 Supervised By :mohammad ahmed 02/27/2024

Quant Time: Feb 24 04:26:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	195672	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	801654	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	458986	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	791474	20.000	ng	0.00
76) Chrysene-d12	13.980	240	457039	20.000	ng	0.00
86) Perylene-d12	15.463	264	371920	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1063995	83.904	ng	0.00
7) Phenol-d6	6.440	99	1507671	80.823	ng	0.00
23) Nitrobenzene-d5	7.363	82	1374925	85.626	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	333212	83.368	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2287066	77.575	ng	0.00
79) Terphenyl-d14	12.927	244	2649597	81.086	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.552	88	278645	40.112	ng	99
3) Pyridine	3.310	79	708243	40.268	ng	99
4) n-Nitrosodimethylamine	3.281	42	261051	40.019	ng	100
6) Aniline	6.469	93	947359	42.825	ng	99
8) 2-Chlorophenol	6.587	128	558520	41.064	ng	99
9) Benzaldehyde	6.357	77	394890	43.970	ng	99
10) Phenol	6.451	94	852349	41.750	ng	100
11) bis(2-Chloroethyl)ether	6.540	93	593736	40.023	ng	96
12) 1,3-Dichlorobenzene	6.740	146	580710	39.758	ng	99
13) 1,4-Dichlorobenzene	6.816	146	598814	39.820	ng	99
14) 1,2-Dichlorobenzene	6.969	146	552061	39.688	ng	99
15) Benzyl Alcohol	6.945	79	494807	44.499	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	1003634	40.703	ng	99
17) 2-Methylphenol	7.057	107	517205	40.190	ng	99
18) Hexachloroethane	7.304	117	205796	39.714	ng	92
19) n-Nitroso-di-n-propyla...	7.216	70	478124	41.594	ng	99
20) 3+4-Methylphenols	7.210	107	617282	42.084	ng	99
22) Acetophenone	7.210	105	786108	40.439	ng	99
24) Nitrobenzene	7.381	77	707322	43.351	ng	94
25) Isophorone	7.622	82	1329456	40.036	ng	99
26) 2-Nitrophenol	7.698	139	256549	41.563	ng	97
27) 2,4-Dimethylphenol	7.734	122	509343	41.707	ng	98
28) bis(2-Chloroethoxy)met...	7.834	93	793327	41.449	ng	99
29) 2,4-Dichlorophenol	7.934	162	481006	42.024	ng	97
30) 1,2,4-Trichlorobenzene	8.022	180	494637	40.261	ng	99
31) Naphthalene	8.098	128	1721496	40.015	ng	99
32) Benzoic acid	7.863	122	304968	41.851	ng	98
33) 4-Chloroaniline	8.151	127	714978	43.696	ng	98
34) Hexachlorobutadiene	8.216	225	287486	39.390	ng	99
35) Caprolactam	8.528	113	160150	45.244	ng	95
36) 4-Chloro-3-methylphenol	8.634	107	544350	41.949	ng	99
37) 2-Methylnaphthalene	8.792	142	1114555	40.205	ng	99
38) 1-Methylnaphthalene	8.892	142	1056704	40.317	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	512085	40.507	ng	99
41) Hexachlorocyclopentadiene	8.945	237	245668	42.862	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	344567	42.037	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022324\
 Data File : BF137374.D
 Acq On : 23 Feb 2024 14:28
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

ICVBF022324

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024

Quant Time: Feb 24 04:26:40 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Feb 24 04:23:49 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	391644	41.648	ng	97
46) 1,1'-Biphenyl	9.257	154	1338473	40.039	ng	99
47) 2-Chloronaphthalene	9.281	162	1029954	40.797	ng	100
48) 2-Nitroaniline	9.381	65	322153	42.544	ng	100
49) Acenaphthylene	9.698	152	1657106	40.400	ng	99
50) Dimethylphthalate	9.563	163	1300731	41.012	ng	99
51) 2,6-Dinitrotoluene	9.622	165	271743	46.056	ng	# 81
52) Acenaphthene	9.869	154	972971	39.738	ng	100
53) 3-Nitroaniline	9.798	138	276595	41.369	ng	98
54) 2,4-Dinitrophenol	9.898	184	112796	42.731	ng	96
55) Dibenzofuran	10.039	168	1526912	40.349	ng	98
56) 4-Nitrophenol	9.957	139	198944	42.238	ng	97
57) 2,4-Dinitrotoluene	10.028	165	335511	45.043	ng	95
58) Fluorene	10.386	166	1141658	39.504	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	324604m	41.685	ng	
60) Diethylphthalate	10.263	149	1231790	41.599	ng	99
61) 4-Chlorophenyl-phenyle...	10.381	204	557049	39.184	ng	97
62) 4-Nitroaniline	10.416	138	271194m	43.843	ng	
63) Azobenzene	10.539	77	1431929	40.418	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	162667	42.591	ng	97
66) n-Nitrosodiphenylamine	10.504	169	1032207	40.156	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	356363	41.882	ng	# 91
68) Hexachlorobenzene	10.933	284	354742	40.303	ng	98
69) Atrazine	11.033	200	305655	44.062	ng	99
70) Pentachlorophenol	11.128	266	246704	44.238	ng	98
71) Phenanthrene	11.351	178	1731648	39.656	ng	99
72) Anthracene	11.404	178	1807169	40.158	ng	100
73) Carbazole	11.563	167	1587463	41.288	ng	99
74) Di-n-butylphthalate	11.898	149	1798387	46.745	ng	100
75) Fluoranthene	12.545	202	1748000	41.010	ng	99
77) Benzidine	12.674	184	357436	46.120	ng	98
78) Pyrene	12.774	202	1783948	41.279	ng	100
80) Butylbenzylphthalate	13.404	149	309824	48.688	ng	99
81) Benzo(a)anthracene	13.969	228	1294377	40.813	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	312503	42.858	ng	99
83) Chrysene	14.010	228	1296126	40.007	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	392753	47.819	ng	98
85) Di-n-octyl phthalate	14.592	149	617486	45.252	ng	94
87) Indeno(1,2,3-cd)pyrene	16.968	276	1017230	39.831	ng	100
88) Benzo(b)fluoranthene	15.027	252	905863	39.704	ng	99
89) Benzo(k)fluoranthene	15.057	252	1011466	42.298	ng	98
90) Benzo(a)pyrene	15.398	252	903900	41.767	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	851412	40.595	ng	99
92) Benzo(g,h,i)perylene	17.421	276	865632	40.040	ng	98

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

