

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053124\
 Data File : BF138093.D
 Acq On : 31 May 2024 18:12
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF053124

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/01/2024
 Supervised By :mohammad ahmed 06/01/2024

Quant Time: Jun 01 01:24:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF053124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 01 01:21:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	133128	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	513795	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	293771	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	508587	20.000	ng	0.00
76) Chrysene-d12	14.233	240	297438	20.000	ng	# 0.00
86) Perylene-d12	15.804	264	274685	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	578877	77.731	ng	0.00
7) Phenol-d6	6.663	99	756242	78.858	ng	0.00
23) Nitrobenzene-d5	7.604	82	706732	80.152	ng	0.00
42) 2,4,6-Tribromophenol	10.880	330	266945	77.902	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1509670	76.175	ng	0.00
79) Terphenyl-d14	13.168	244	1669449	81.188	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.940	88	127274	39.365	ng	98
3) Pyridine	3.716	79	306072	42.842	ng	99
4) n-Nitrosodimethylamine	3.687	42	127744	40.708	ng	96
6) Aniline	6.704	93	239814m	54.587	ng	
8) 2-Chlorophenol	6.822	128	338115	39.577	ng	98
9) Benzaldehyde	6.592	77	163098	38.258	ng	98
10) Phenol	6.675	94	380241	40.022	ng	97
11) bis(2-Chloroethyl)ether	6.769	93	310195	39.472	ng	99
12) 1,3-Dichlorobenzene	6.975	146	388589	39.143	ng	96
13) 1,4-Dichlorobenzene	7.051	146	393359	39.416	ng	97
14) 1,2-Dichlorobenzene	7.210	146	369585	39.139	ng	99
15) Benzyl Alcohol	7.175	79	180244	42.368	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.304	45	351055	40.531	ng	99
17) 2-Methylphenol	7.281	107	272110	39.680	ng	99
18) Hexachloroethane	7.545	117	133614	39.414	ng	93
19) n-Nitroso-di-n-propyla...	7.445	70	215722	38.793	ng	99
20) 3+4-Methylphenols	7.434	107	347666	40.329	ng	98
22) Acetophenone	7.445	105	464403	40.119	ng	98
24) Nitrobenzene	7.622	77	352183	40.130	ng	100
25) Isophorone	7.857	82	603921	39.699	ng	99
26) 2-Nitrophenol	7.933	139	192842	41.112	ng	100
27) 2,4-Dimethylphenol	7.963	122	230778	41.102	ng	98
28) bis(2-Chloroethoxy)met...	8.057	93	371343	39.888	ng	99
29) 2,4-Dichlorophenol	8.175	162	304747	40.440	ng	97
30) 1,2,4-Trichlorobenzene	8.257	180	330199	39.538	ng	99
31) Naphthalene	8.345	128	1039324	39.315	ng	99
32) Benzoic acid	8.092	122	175215	40.899	ng	97
33) 4-Chloroaniline	8.439	127	358826m	40.220	ng	
34) Hexachlorobutadiene	8.451	225	208103	38.578	ng	98
35) Caprolactam	8.775	113	94559	41.515	ng	92
36) 4-Chloro-3-methylphenol	8.875	107	302790	40.081	ng	97
37) 2-Methylnaphthalene	9.033	142	683655	39.306	ng	99
38) 1-Methylnaphthalene	9.133	142	674496	39.849	ng	99
40) 1,2,4,5-Tetrachloroben...	9.198	216	327474	39.272	ng	99
41) Hexachlorocyclopentadiene	9.180	237	113805	39.124	ng	98
43) 2,4,6-Trichlorophenol	9.310	196	218487	39.500	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053124\
 Data File : BF138093.D
 Acq On : 31 May 2024 18:12
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF053124

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/01/2024
 Supervised By :mohammad ahmed 06/01/2024

Quant Time: Jun 01 01:24:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF053124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 01 01:21:05 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.363	196	240202	39.828	ng	96
46) 1,1'-Biphenyl	9.498	154	825950	39.090	ng	98
47) 2-Chloronaphthalene	9.527	162	658934	38.883	ng	98
48) 2-Nitroaniline	9.627	65	171483	40.411	ng	95
49) Acenaphthylene	9.945	152	950000	39.172	ng	99
50) Dimethylphthalate	9.798	163	767639	39.433	ng	99
51) 2,6-Dinitrotoluene	9.863	165	179139	40.084	ng	89
52) Acenaphthene	10.122	154	606950	39.515	ng	99
53) 3-Nitroaniline	10.039	138	169051	39.740	ng	98
54) 2,4-Dinitrophenol	10.145	184	89345	41.119	ng	96
55) Dibenzofuran	10.292	168	911420	38.647	ng	99
56) 4-Nitrophenol	10.198	139	122870	43.337	ng	97
57) 2,4-Dinitrotoluene	10.275	165	238099	40.401	ng	93
58) Fluorene	10.639	166	735796	38.724	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.410	232	197101	41.479	ng	99
60) Diethylphthalate	10.498	149	728392	39.395	ng	100
61) 4-Chlorophenyl-phenyle...	10.622	204	378123	39.410	ng	96
62) 4-Nitroaniline	10.657	138	144698	37.467	ng	98
63) Azobenzene	10.786	77	625749	39.385	ng	96
65) 4,6-Dinitro-2-methylph...	10.680	198	134283	42.107	ng	92
66) n-Nitrosodiphenylamine	10.745	169	616506	38.967	ng	100
67) 4-Bromophenyl-phenylether	11.116	248	234233	39.292	ng	94
68) Hexachlorobenzene	11.186	284	257664	38.898	ng	96
69) Atrazine	11.269	200	185865	42.552	ng	99
70) Pentachlorophenol	11.380	266	143769	41.924	ng	96
71) Phenanthrene	11.610	178	986915	38.578	ng	100
72) Anthracene	11.657	178	1005797	39.422	ng	100
73) Carbazole	11.816	167	906024	38.221	ng	100
74) Di-n-butylphthalate	12.127	149	1107801	39.159	ng	100
75) Fluoranthene	12.804	202	1027093	38.051	ng	99
77) Benzidine	12.945	184	55196m	16.008	ng	
78) Pyrene	13.033	202	1040963	41.197	ng	99
80) Butylbenzylphthalate	13.633	149	385830	42.057	ng	94
81) Benzo(a)anthracene	14.221	228	768156	39.544	ng	98
82) 3,3'-Dichlorobenzidine	14.180	252	184288	35.415	ng	96
83) Chrysene	14.262	228	721132	39.317	ng	100
84) Bis(2-ethylhexyl)phtha...	14.186	149	515647	41.316	ng	99
85) Di-n-octyl phthalate	14.815	149	732486	40.047	ng	100
87) Indeno(1,2,3-cd)pyrene	17.439	276	675270	40.786	ng	99
88) Benzo(b)fluoranthene	15.327	252	652886	38.582	ng	99
89) Benzo(k)fluoranthene	15.362	252	623216	38.761	ng	98
90) Benzo(a)pyrene	15.733	252	555013	39.236	ng	99
91) Dibenzo(a,h)anthracene	17.456	278	557289	41.028	ng	97
92) Benzo(g,h,i)perylene	17.939	276	552472	40.043	ng	99

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

