

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052824\
 Data File : BP020464.D
 Acq On : 28 May 2024 16:22
 Operator : MA/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
 Supervised By :mohammad ahmed 05/30/2024

Quant Time: May 29 01:31:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 01:22:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	341611	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1383219	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	853464	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1672699	20.000	ng	0.00
76) Chrysene-d12	21.674	240	1041439	20.000	ng	0.00
86) Perylene-d12	25.045	264	1217412	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2345826	120.844	ng	0.00
7) Phenol-d6	6.934	99	3200962	120.570	ng	0.00
23) Nitrobenzene-d5	8.922	82	3134027	126.382	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	1101289	136.850	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	6982539	118.843	ng	0.00
79) Terphenyl-d14	19.957	244	7593021	123.478	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	463211	57.854	ng	99
3) Pyridine	3.717	79	1344813m	61.020	ng	
4) n-Nitrosodimethylamine	3.634	42	641434	59.665	ng	100
6) Aniline	7.111	93	1642145	61.843	ng	99
8) 2-Chlorophenol	7.334	128	1271028	60.265	ng	99
9) Benzaldehyde	6.922	77	749103	61.077	ng	98
10) Phenol	6.958	94	1645401	60.587	ng	99
11) bis(2-Chloroethyl)ether	7.205	93	1328894	59.565	ng	99
12) 1,3-Dichlorobenzene	7.658	146	1480782	58.637	ng	99
13) 1,4-Dichlorobenzene	7.805	146	1504245	58.786	ng	100
14) 1,2-Dichlorobenzene	8.110	146	1437510	58.879	ng	100
15) Benzyl Alcohol	7.999	79	1182265	62.450	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.293	45	1981631	59.407	ng	99
17) 2-Methylphenol	8.193	107	1108888	61.516	ng	99
18) Hexachloroethane	8.834	117	552212	59.930	ng	97
19) n-Nitroso-di-n-propyla...	8.575	70	1051060	59.534	ng	98
20) 3+4-Methylphenols	8.522	107	1512342	62.115	ng	99
22) Acetophenone	8.587	105	2026633	59.286	ng	# 99
24) Nitrobenzene	8.963	77	1546541	61.111	ng	99
25) Isophorone	9.475	82	2908941	60.999	ng	100
27) 2,4-Dimethylphenol	9.716	122	901332	61.575	ng	98
28) bis(2-Chloroethoxy)met...	9.963	93	1797765	60.712	ng	100
29) 2,4-Dichlorophenol	10.181	162	1231763	63.381	ng	99
30) 1,2,4-Trichlorobenzene	10.399	180	1423036	60.253	ng	99
31) Naphthalene	10.587	128	4193958	59.348	ng	100
32) Benzoic acid	9.875	122	847807	62.982	ng	97
33) 4-Chloroaniline	10.704	127	1626210	61.701	ng	99
34) Hexachlorobutadiene	10.869	225	892192	60.530	ng	98
35) Caprolactam	11.499	113	420433	66.918	ng	98
36) 4-Chloro-3-methylphenol	11.816	107	1382298	64.062	ng	100
37) 2-Methylnaphthalene	12.204	142	2897646	60.058	ng	99
38) 1-Methylnaphthalene	12.422	142	2874272	60.390	ng	99
40) 1,2,4,5-Tetrachloroben...	12.569	216	1540226	60.536	ng	100
41) Hexachlorocyclopentadiene	12.551	237	565922	63.891	ng	100
43) 2,4,6-Trichlorophenol	12.816	196	988478	66.414	ng	99
44) 2,4,5-Trichlorophenol	12.881	196	1100422	65.284	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.228	154	3680670	59.502	ng	99
47) 2-Chloronaphthalene	13.269	162	2947011	59.974	ng	100
49) Acenaphthylene	14.116	152	4341142	60.774	ng	99
50) Dimethylphthalate	13.869	163	3596446	62.975	ng	100
51) 2,6-Dinitrotoluene	13.981	165	801559	68.214	ng	95
52) Acenaphthene	14.463	154	2847991	61.212	ng	100
53) 3-Nitroaniline	14.310	138	793763	69.172	ng	98
54) 2,4-Dinitrophenol	14.504	184	278126	62.277	ng	96
55) Dibenzofuran	14.804	168	4210984	60.050	ng	99
56) 4-Nitrophenol	14.604	139	605810	68.033	ng	98
57) 2,4-Dinitrotoluene	14.769	165	1042303	62.633	ng	96
58) Fluorene	15.475	166	3247813	59.095	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.034	232	885608	67.667	ng	99
60) Diethylphthalate	15.251	149	3609206	63.714	ng	99
61) 4-Chlorophenyl-phenyle...	15.469	204	1708048	60.374	ng	99
62) 4-Nitroaniline	15.492	138	753855	67.696	ng	98
63) Azobenzene	15.775	77	3286780	59.970	ng	99
65) 4,6-Dinitro-2-methylph...	15.551	198	413248	61.236	ng	91
66) n-Nitrosodiphenylamine	15.687	169	2831367	58.348	ng	99
67) 4-Bromophenyl-phenylether	16.387	248	1064594	60.610	ng	98
68) Hexachlorobenzene	16.492	284	1234542	60.403	ng	100
69) Atrazine	16.669	200	913321	59.741	ng	99
70) Pentachlorophenol	16.845	266	746982	67.155	ng	100
71) Phenanthrene	17.257	178	4842448	58.570	ng	100
72) Anthracene	17.351	178	4700360	58.249	ng	100
73) Carbazole	17.628	167	4266598	57.353	ng	100
74) Di-n-butylphthalate	18.239	149	5365618	62.972	ng	100
75) Fluoranthene	19.345	202	4936727	56.154	ng	99
77) Benzidine	19.551	184	2503205	86.768	ng	100
78) Pyrene	19.722	202	4930772	62.846	ng	99
80) Butylbenzylphthalate	20.698	149	1673074	61.415	ng	99
81) Benzo(a)anthracene	21.657	228	4144701	60.565	ng	100
82) 3,3'-Dichlorobenzidine	21.574	252	1392726	65.562	ng	99
83) Chrysene	21.722	228	3919618	60.328	ng	99
84) Bis(2-ethylhexyl)phtha...	21.627	149	2483578	66.981	ng	99
85) Di-n-octyl phthalate	22.939	149	4114675	62.048	ng	99
87) Indeno(1,2,3-cd)pyrene	28.886	276	5323190m	63.703	ng	
88) Benzo(b)fluoranthene	23.986	252	4427510	62.613	ng	99
89) Benzo(k)fluoranthene	24.057	252	4169233	60.569	ng	99
90) Benzo(a)pyrene	24.898	252	3958601	63.594	ng	98
91) Dibenzo(a,h)anthracene	28.992	278	4378941	63.123	ng	98
92) Benzo(g,h,i)perylene	30.074	276	4425666	62.932	ng	99

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

