

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052424\
 Data File : BP020451.D
 Acq On : 24 May 2024 13:00
 Operator : MA/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/28/2024
 Supervised By :mohammad ahmed 05/28/2024

Quant Time: May 25 01:53:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 25 01:41:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.764	152	323018	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	1299606	20.000	ng	0.00
39) Acenaphthene-d10	14.404	164	797221	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	1491767	20.000	ng	0.00
76) Chrysene-d12	21.686	240	1275608	20.000	ng	0.00
86) Perylene-d12	25.069	264	1484285	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1488159	80.596	ng	0.00
7) Phenol-d6	6.928	99	2015899	78.958	ng	0.00
23) Nitrobenzene-d5	8.916	82	1846045	84.240	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	639181	77.345	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	4439304	81.964	ng	0.00
79) Terphenyl-d14	19.963	244	5688348	73.750	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.328	88	299936	40.714	ng	100
3) Pyridine	3.711	79	811303m	39.439	ng	
4) n-Nitrosodimethylamine	3.634	42	384016	40.321	ng	100
6) Aniline	7.105	93	1009323	38.874	ng	100
8) 2-Chlorophenol	7.334	128	802650	39.703	ng	100
9) Benzaldehyde	6.922	77	568463	40.297	ng	100
10) Phenol	6.958	94	1025427	39.568	ng	100
11) bis(2-Chloroethyl)ether	7.205	93	847253	39.478	ng	100
12) 1,3-Dichlorobenzene	7.658	146	947672	39.653	ng	100
13) 1,4-Dichlorobenzene	7.805	146	964980	39.812	ng	100
14) 1,2-Dichlorobenzene	8.111	146	921611	39.688	ng	100
15) Benzyl Alcohol	8.005	79	721511	38.826	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.299	45	1259191	39.240	ng	100
17) 2-Methylphenol	8.193	107	689974	39.251	ng	100
18) Hexachloroethane	8.834	117	348134	40.398	ng	100
19) n-Nitroso-di-n-propyla...	8.569	70	660256	38.006	ng	100
20) 3+4-Methylphenols	8.516	107	928912	38.689	ng	100
22) Acetophenone	8.581	105	1281611	40.002	ng	100
24) Nitrobenzene	8.958	77	934445	41.569	ng	100
25) Isophorone	9.475	82	1820853	38.967	ng	100
26) 2-Nitrophenol	9.663	139	320592	39.680	ng	100
27) 2,4-Dimethylphenol	9.710	122	555168	39.551	ng	100
28) bis(2-Chloroethoxy)met...	9.958	93	1139110	40.062	ng	100
29) 2,4-Dichlorophenol	10.181	162	753136	40.238	ng	100
30) 1,2,4-Trichlorobenzene	10.405	180	891214	40.059	ng	100
31) Naphthalene	10.593	128	2661055	40.162	ng	100
32) Benzoic acid	9.834	122	397326	38.446	ng	100
33) 4-Chloroaniline	10.699	127	994412	38.850	ng	100
34) Hexachlorobutadiene	10.869	225	562715	40.763	ng	100
35) Caprolactam	11.475	113	235497	36.217	ng	100
36) 4-Chloro-3-methylphenol	11.816	107	818093	38.421	ng	100
37) 2-Methylnaphthalene	12.204	142	1853979	39.388	ng	100
38) 1-Methylnaphthalene	12.428	142	1799006	38.801	ng	100
40) 1,2,4,5-Tetrachloroben...	12.569	216	962438	41.455	ng	100
41) Hexachlorocyclopentadiene	12.552	237	354113	43.406	ng	100
43) 2,4,6-Trichlorophenol	12.816	196	581342	41.526	ng	100

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44) 2,4,5-Trichlorophenol	12.881	196	631446	41.003	ng	100
46) 1,1'-Biphenyl	13.228	154	2304937	40.515	ng	100
47) 2-Chloronaphthalene	13.269	162	1790441	39.881	ng	100
48) 2-Nitroaniline	13.469	65	429959	37.575	ng	100
49) Acenaphthylene	14.122	152	2681772	40.054	ng	100
50) Dimethylphthalate	13.863	163	2130307	38.780	ng	100
51) 2,6-Dinitrotoluene	13.975	165	436847	41.279	ng	100
52) Acenaphthene	14.469	154	1716360	39.561	ng	100
53) 3-Nitroaniline	14.304	138	418093	40.353	ng	100
54) 2,4-Dinitrophenol	14.510	184	116728	38.477	ng	100
55) Dibenzofuran	14.810	168	2567557	39.034	ng	100
56) 4-Nitrophenol	14.604	139	325663	38.047	ng	100
57) 2,4-Dinitrotoluene	14.769	165	535370	37.022	ng	100
58) Fluorene	15.475	166	2037736	38.521	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.034	232	493656	38.950	ng	100
60) Diethylphthalate	15.251	149	2103862	37.589	ng	100
61) 4-Chlorophenyl-phenyle...	15.475	204	1053218	38.590	ng	100
62) 4-Nitroaniline	15.487	138	408641	38.955	ng	100
63) Azobenzene	15.775	77	2017992	38.546	ng	100
65) 4,6-Dinitro-2-methylph...	15.545	198	188952	38.737	ng	100
66) n-Nitrosodiphenylamine	15.693	169	1734615	40.660	ng	100
67) 4-Bromophenyl-phenylether	16.392	248	642170	40.680	ng	100
68) Hexachlorobenzene	16.498	284	733448	40.257	ng	100
69) Atrazine	16.669	200	574630	38.697	ng	100
70) Pentachlorophenol	16.845	266	413667	40.997	ng	100
71) Phenanthrene	17.257	178	2954421	40.143	ng	100
72) Anthracene	17.357	178	2899168	39.726	ng	100
73) Carbazole	17.634	167	2756713	39.903	ng	100
74) Di-n-butylphthalate	18.245	149	3471523	39.842	ng	100
75) Fluoranthene	19.351	202	3418686	39.838	ng	100
77) Benzidine	19.563	184	1267724	37.531	ng	100
78) Pyrene	19.733	202	3552203	36.826	ng	100
80) Butylbenzylphthalate	20.704	149	1402584	39.750	ng	100
81) Benzo(a)anthracene	21.669	228	3311532	39.336	ng	100
82) 3,3'-Dichlorobenzidine	21.586	252	1145031	43.042	ng	100
83) Chrysene	21.733	228	3200060	40.498	ng	100
84) Bis(2-ethylhexyl)phtha...	21.639	149	2218433	40.518	ng	100
85) Di-n-octyl phthalate	22.945	149	3747308	44.681	ng	100
87) Indeno(1,2,3-cd)pyrene	28.927	276	4041115m	41.789	ng	
88) Benzo(b)fluoranthene	23.998	252	3430291	38.254	ng	100
89) Benzo(k)fluoranthene	24.074	252	3380631	38.998	ng	100
90) Benzo(a)pyrene	24.910	252	3095179	39.871	ng	100
91) Dibenzo(a,h)anthracene	29.015	278	3336221	41.575	ng	100
92) Benzo(g,h,i)perylene	30.092	276	3360967	41.706	ng	100

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

