

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052224\
 Data File : BP020443.D
 Acq On : 22 May 2024 20:08
 Operator : MA/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/24/2024

Quant Time: May 23 02:12:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 01:51:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	136080	20.000	ng	0.00
21) Naphthalene-d8	10.328	136	513257	20.000	ng	0.00
39) Acenaphthene-d10	14.222	164	309088	20.000	ng	-0.01
64) Phenanthrene-d10	17.057	188	550060	20.000	ng	-0.02
76) Chrysene-d12	21.539	240	509967	20.000	ng	-0.01
86) Perylene-d12	24.839	264	618920	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	1247614	169.245	ng	0.00
7) Phenol-d6	6.752	99	1708559	165.551	ng	0.00
23) Nitrobenzene-d5	8.722	82	1738844	162.095	ng	0.00
42) 2,4,6-Tribromophenol	15.769	330	627645	156.288	ng	-0.01
45) 2-Fluorobiphenyl	12.822	172	3709890	165.874	ng	0.00
79) Terphenyl-d14	19.822	244	4415062	148.121	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.181	88	257737	79.937	ng	99
3) Pyridine	3.570	79	670477m	84.326	ng	
4) n-Nitrosodimethylamine	3.493	42	321307	83.243	ng	97
6) Aniline	6.911	93	791547	80.737	ng	100
8) 2-Chlorophenol	7.128	128	669182	80.914	ng	98
10) Phenol	6.781	94	855446	82.242	ng	98
11) bis(2-Chloroethyl)ether	7.011	93	652299	78.746	ng	97
12) 1,3-Dichlorobenzene	7.440	146	784336	78.902	ng	99
13) 1,4-Dichlorobenzene	7.593	146	797084	78.217	ng	99
14) 1,2-Dichlorobenzene	7.899	146	770666	79.006	ng	98
15) Benzyl Alcohol	7.816	79	687930m	80.663	ng	
16) 2,2'-oxybis(1-Chloropr...	8.081	45	717904	75.694	ng	98
17) 2-Methylphenol	8.005	107	563556	81.411	ng	99
18) Hexachloroethane	8.599	117	299614	77.388	ng	97
19) n-Nitroso-di-n-propyla...	8.375	70	539696	76.457	ng	99
20) 3+4-Methylphenols	8.340	107	779687	81.785	ng	97
22) Acetophenone	8.387	105	1087118	83.007	ng	# 99
24) Nitrobenzene	8.763	77	856380	81.048	ng	97
25) Isophorone	9.287	82	1428982	80.285	ng	98
26) 2-Nitrophenol	9.457	139	381501	87.677	ng	99
27) 2,4-Dimethylphenol	9.522	122	427636	84.546	ng	96
28) bis(2-Chloroethoxy)met...	9.763	93	833326	81.003	ng	97
29) 2,4-Dichlorophenol	9.993	162	648529	85.491	ng	98
30) 1,2,4-Trichlorobenzene	10.193	180	764411	80.754	ng	98
31) Naphthalene	10.381	128	2099885	81.047	ng	100
32) Benzoic acid	9.758	122	488564	78.806	ng	98
33) 4-Chloroaniline	10.516	127	751474	85.656	ng	99
34) Hexachlorobutadiene	10.634	225	522912	78.459	ng	99
35) Caprolactam	11.357	113	176027	81.911	ng	97
36) 4-Chloro-3-methylphenol	11.646	107	729976	83.237	ng	97
37) 2-Methylnaphthalene	12.004	142	1409532	79.364	ng	99
38) 1-Methylnaphthalene	12.222	142	1397599	79.352	ng	100
40) 1,2,4,5-Tetrachloroben...	12.375	216	853658	84.993	ng	99
41) Hexachlorocyclopentadiene	12.334	237	292653	81.805	ng	99
43) 2,4,6-Trichlorophenol	12.634	196	531171	86.919	ng	98
44) 2,4,5-Trichlorophenol	12.710	196	572271	85.251	ng	98

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46) 1,1'-Biphenyl	13.040	154	1809521	83.090	ng	99
47) 2-Chloronaphthalene	13.081	162	1460641	83.467	ng	99
48) 2-Nitroaniline	13.322	65	444622	85.946	ng	95
49) Acenaphthylene	13.945	152	2045567	82.665	ng	100
50) Dimethylphthalate	13.698	163	1656457	78.199	ng	98
51) 2,6-Dinitrotoluene	13.834	165	390342	82.152	ng	99
52) Acenaphthene	14.293	154	1269867	80.630	ng	98
53) 3-Nitroaniline	14.175	138	336541	82.375	ng	97
54) 2,4-Dinitrophenol	14.398	184	226105	77.768	ng	95
55) Dibenzofuran	14.640	168	1998668	78.649	ng	98
56) 4-Nitrophenol	14.504	139	252172	91.075	ng	92
57) 2,4-Dinitrotoluene	14.645	165	501202	79.163	ng	97
58) Fluorene	15.310	166	1637642	79.371	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.875	232	449970	76.903	ng	100
60) Diethylphthalate	15.098	149	1544427	74.201	ng	100
61) 4-Chlorophenyl-phenyle...	15.310	204	882811	77.921	ng	95
62) 4-Nitroaniline	15.375	138	300140	80.845	ng	99
63) Azobenzene	15.610	77	1525868	75.740	ng	99
65) 4,6-Dinitro-2-methylph...	15.428	198	293979	79.548	ng	97
66) n-Nitrosodiphenylamine	15.540	169	1307525	86.041	ng	100
67) 4-Bromophenyl-phenylether	16.234	248	524674	84.529	ng	99
68) Hexachlorobenzene	16.334	284	601615	82.018	ng	98
69) Atrazine	16.539	200	277328	62.589	ng	98
70) Pentachlorophenol	16.698	266	353386	85.001	ng	99
71) Phenanthrene	17.110	178	2133145	80.452	ng	100
72) Anthracene	17.204	178	2132018	81.939	ng	99
73) Carbazole	17.498	167	1894709	81.390	ng	100
74) Di-n-butylphthalate	18.092	149	2122233	75.951	ng	99
75) Fluoranthene	19.216	202	2472503	80.050	ng	99
77) Benzidine	19.439	184	623936	87.200	ng	100
78) Pyrene	19.592	202	2573496	74.580	ng	100
80) Butylbenzylphthalate	20.569	149	1000971	81.308	ng	99
81) Benzo(a)anthracene	21.522	228	2614203	82.087	ng	100
82) 3,3'-Dichlorobenzidine	21.451	252	960982	88.515	ng	99
83) Chrysene	21.586	228	2557214	81.603	ng	100
84) Bis(2-ethylhexyl)phtha...	21.463	149	1451288	81.375	ng	99
85) Di-n-octyl phthalate	22.733	149	2540922	85.613	ng	100
87) Indeno(1,2,3-cd)pyrene	28.592	276	3514057	83.332	ng	100
88) Benzo(b)fluoranthene	23.798	252	2915778	82.454	ng	99
89) Benzo(k)fluoranthene	23.869	252	2873854	82.189	ng	99
90) Benzo(a)pyrene	24.686	252	2636424	84.205	ng	98
91) Dibenzo(a,h)anthracene	28.657	278	2907401	83.578	ng	100
92) Benzo(g,h,i)perylene	29.733	276	2978157	83.471	ng	98

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

