

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052424\
 Data File : BP020450.D
 Acq On : 24 May 2024 12:15
 Operator : MA/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

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

Quant Time: May 25 01:51:53 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	7.769	152	338399	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	1463784	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	1008159	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	2090648	20.000	ng	0.00
76) Chrysene-d12	21.686	240	1723397	20.000	ng	0.00
86) Perylene-d12	25.074	264	1530832	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	806192	41.677	ng	0.00
7) Phenol-d6	6.928	99	1136887	42.505	ng	0.00
23) Nitrobenzene-d5	8.916	82	1025751	41.558	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	436169	41.736	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	2832082	41.349	ng	0.00
79) Terphenyl-d14	19.963	244	4501907	43.202	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	160493	20.795	ng	99
3) Pyridine	3.717	79	449162	20.842	ng	97
4) n-Nitrosodimethylamine	3.634	42	210033	21.051	ng	97
6) Aniline	7.105	93	578584	21.271	ng	100
8) 2-Chlorophenol	7.334	128	444902	21.007	ng	99
9) Benzaldehyde	6.922	77	364108	21.451	ng	98
10) Phenol	6.952	94	576542	21.236	ng	99
11) bis(2-Chloroethyl)ether	7.199	93	477027	21.217	ng	99
12) 1,3-Dichlorobenzene	7.652	146	522730	20.878	ng	100
13) 1,4-Dichlorobenzene	7.805	146	534345	21.044	ng	98
14) 1,2-Dichlorobenzene	8.116	146	511625	21.031	ng	99
15) Benzyl Alcohol	7.999	79	415067	21.321	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.287	45	720597	21.435	ng	99
17) 2-Methylphenol	8.193	107	394566	21.426	ng	97
18) Hexachloroethane	8.846	117	187637	20.784	ng	99
19) n-Nitroso-di-n-propyla...	8.569	70	404109	22.204	ng	99
20) 3+4-Methylphenols	8.522	107	538690	21.416	ng	99
22) Acetophenone	8.581	105	757176	20.983	ng	# 99
24) Nitrobenzene	8.952	77	527210	20.823	ng	99
25) Isophorone	9.469	82	1129388	21.459	ng	100
26) 2-Nitrophenol	9.657	139	162282	19.402	ng	96
27) 2,4-Dimethylphenol	9.710	122	335131	21.197	ng	99
28) bis(2-Chloroethoxy)met...	9.963	93	672894	21.011	ng	99
29) 2,4-Dichlorophenol	10.181	162	443117	21.019	ng	99
30) 1,2,4-Trichlorobenzene	10.404	180	517698	20.660	ng	99
31) Naphthalene	10.593	128	1560243	20.907	ng	100
32) Benzoic acid	9.810	122	208313	21.399	ng	98
33) 4-Chloroaniline	10.698	127	614028	21.299	ng	99
34) Hexachlorobutadiene	10.869	225	318034	20.454	ng	99
35) Caprolactam	11.457	113	163344	22.303	ng	98
36) 4-Chloro-3-methylphenol	11.816	107	519216	21.649	ng	100
37) 2-Methylnaphthalene	12.204	142	1129919	21.313	ng	100
38) 1-Methylnaphthalene	12.422	142	1129724	21.633	ng	98
40) 1,2,4,5-Tetrachloroben...	12.569	216	585092	19.928	ng	100
41) Hexachlorocyclopentadiene	12.551	237	206085	19.976	ng	99
43) 2,4,6-Trichlorophenol	12.816	196	357523	20.195	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	396330	20.351	ng	98
46) 1,1'-Biphenyl	13.228	154	1473947	20.487	ng	99
47) 2-Chloronaphthalene	13.269	162	1150400	20.263	ng	99
48) 2-Nitroaniline	13.469	65	263519	20.186	ng	99
49) Acenaphthylene	14.116	152	1766444	20.863	ng	99
50) Dimethylphthalate	13.863	163	1458545	20.996	ng	100
51) 2,6-Dinitrotoluene	13.981	165	282010	21.072	ng	95
52) Acenaphthene	14.463	154	1127667	20.554	ng	100
53) 3-Nitroaniline	14.304	138	284288	21.697	ng	99
54) 2,4-Dinitrophenol	14.504	184	69527	22.153	ng	99
55) Dibenzofuran	14.810	168	1730322	20.802	ng	99
56) 4-Nitrophenol	14.598	139	221447	20.458	ng	98
57) 2,4-Dinitrotoluene	14.769	165	355138	21.189	ng	96
58) Fluorene	15.475	166	1430006	21.377	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.034	232	333095	20.783	ng	100
60) Diethylphthalate	15.245	149	1505932	21.277	ng	99
61) 4-Chlorophenyl-phenyle...	15.475	204	726770	21.057	ng	99
62) 4-Nitroaniline	15.481	138	290753	21.917	ng	99
63) Azobenzene	15.775	77	1419855	21.447	ng	99
65) 4,6-Dinitro-2-methylph...	15.545	198	117390	21.042	ng	96
66) n-Nitrosodiphenylamine	15.686	169	1229951	20.572	ng	98
67) 4-Bromophenyl-phenylether	16.392	248	447701	20.237	ng	98
68) Hexachlorobenzene	16.498	284	527097	20.643	ng	97
69) Atrazine	16.675	200	448012	21.528	ng	99
70) Pentachlorophenol	16.845	266	292893	20.712	ng	99
71) Phenanthrene	17.257	178	2162944	20.970	ng	100
72) Anthracene	17.357	178	2185917	21.373	ng	100
73) Carbazole	17.633	167	2111472	21.808	ng	100
74) Di-n-butylphthalate	18.245	149	2660609	21.788	ng	100
75) Fluoranthene	19.351	202	2660149	22.119	ng	99
77) Benzidine	19.551	184	1107186	20.442	ng	100
78) Pyrene	19.727	202	2733568	20.976	ng	100
80) Butylbenzylphthalate	20.698	149	1029134	21.588	ng	99
81) Benzo(a)anthracene	21.669	228	2357267	20.725	ng	99
82) 3,3'-Dichlorobenzidine	21.592	252	754357	20.989	ng	98
83) Chrysene	21.733	228	2212754	20.727	ng	99
84) Bis(2-ethylhexyl)phtha...	21.639	149	1640630	22.179	ng	100
85) Di-n-octyl phthalate	22.939	149	2267808	20.014	ng	99
87) Indeno(1,2,3-cd)pyrene	28.909	276	1909965m	19.150	ng	
88) Benzo(b)fluoranthene	23.998	252	1998113	21.605	ng	99
89) Benzo(k)fluoranthene	24.068	252	1896117	21.208	ng	99
90) Benzo(a)pyrene	24.910	252	1652175	20.636	ng	99
91) Dibenzo(a,h)anthracene	29.003	278	1595347	19.276	ng	100
92) Benzo(g,h,i)perylene	30.086	276	1585157m	19.072	ng	

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

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