

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052024\
 Data File : BP020432.D
 Acq On : 20 May 2024 19:02
 Operator : MA/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/21/2024
 Supervised By :mohammad ahmed 05/22/2024

Quant Time: May 21 01:45:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 21 01:25:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.581	152	116476	20.000	ng	0.00
21) Naphthalene-d8	10.358	136	483814	20.000	ng	0.00
39) Acenaphthene-d10	14.263	164	323388	20.000	ng	0.00
64) Phenanthrene-d10	17.110	188	593217	20.000	ng	0.00
76) Chrysene-d12	21.598	240	492520	20.000	ng	0.00
86) Perylene-d12	24.933	264	586672	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.217	112	1046522	165.869	ng	0.00
7) Phenol-d6	6.781	99	1534169	174.358	ng	0.00
23) Nitrobenzene-d5	8.758	82	1631497	162.250	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	684489	163.058	ng	0.00
45) 2-Fluorobiphenyl	12.863	172	3716124	162.022	ng	0.00
79) Terphenyl-d14	19.875	244	4546650	165.098	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	198957	72.929	ng	99
3) Pyridine	3.605	79	586412m	85.180	ng	
4) n-Nitrosodimethylamine	3.528	42	274579	82.177	ng	100
6) Aniline	6.934	93	728908	86.592	ng	99
8) 2-Chlorophenol	7.158	128	586464	83.632	ng	99
10) Phenol	6.805	94	768372	86.486	ng	99
11) bis(2-Chloroethyl)ether	7.040	93	577522	83.379	ng	95
12) 1,3-Dichlorobenzene	7.469	146	664860	79.038	ng	96
13) 1,4-Dichlorobenzene	7.616	146	681865	78.971	ng	99
14) 1,2-Dichlorobenzene	7.922	146	664073	80.169	ng	98
15) Benzyl Alcohol	7.840	79	648235m	89.226	ng	
16) 2,2'-oxybis(1-Chloropr...	8.105	45	632152	79.886	ng	99
17) 2-Methylphenol	8.028	107	525051	88.460	ng	100
18) Hexachloroethane	8.628	117	252172	77.948	ng	97
19) n-Nitroso-di-n-propyla...	8.405	70	515388	87.673	ng	99
20) 3+4-Methylphenols	8.364	107	740382	89.632	ng	99
22) Acetophenone	8.416	105	997477	81.840	ng	# 99
24) Nitrobenzene	8.793	77	808714	80.934	ng	99
25) Isophorone	9.311	82	1420504	86.027	ng	99
26) 2-Nitrophenol	9.493	139	363715	90.023	ng	98
27) 2,4-Dimethylphenol	9.552	122	407505	84.712	ng	98
28) bis(2-Chloroethoxy)met...	9.793	93	791416	82.038	ng	# 98
29) 2,4-Dichlorophenol	10.022	162	619485	87.387	ng	98
30) 1,2,4-Trichlorobenzene	10.222	180	704448	78.328	ng	99
31) Naphthalene	10.410	128	1972823	80.658	ng	100
32) Benzoic acid	9.787	122	493890	79.901	ng	93
33) 4-Chloroaniline	10.552	127	733904	88.926	ng	99
34) Hexachlorobutadiene	10.663	225	474862	76.333	ng	99
35) Caprolactam	11.393	113	190037	92.023	ng	98
36) 4-Chloro-3-methylphenol	11.681	107	728145	88.253	ng	99
37) 2-Methylnaphthalene	12.040	142	1399939	83.786	ng	99
38) 1-Methylnaphthalene	12.257	142	1371406	83.312	ng	100
40) 1,2,4,5-Tetrachloroben...	12.410	216	851908	81.455	ng	99
41) Hexachlorocyclopentadiene	12.369	237	278698	78.203	ng	97
43) 2,4,6-Trichlorophenol	12.669	196	542580	86.270	ng	99
44) 2,4,5-Trichlorophenol	12.752	196	601204	87.351	ng	97

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46) 1,1'-Biphenyl	13.081	154	1839320	81.505	ng	99
47) 2-Chloronaphthalene	13.122	162	1478981	81.862	ng	98
48) 2-Nitroaniline	13.363	65	467093	87.488	ng	97
49) Acenaphthylene	13.987	152	2149182	83.225	ng	99
50) Dimethylphthalate	13.740	163	1736133	79.274	ng	100
51) 2,6-Dinitrotoluene	13.875	165	411965	82.569	ng	96
52) Acenaphthene	14.334	154	1324057	81.727	ng	99
53) 3-Nitroaniline	14.216	138	366932	85.858	ng	91
54) 2,4-Dinitrophenol	14.440	184	243059	81.095	ng	97
55) Dibenzofuran	14.681	168	2127094	80.234	ng	99
56) 4-Nitrophenol	14.551	139	269455	96.158	ng	96
57) 2,4-Dinitrotoluene	14.687	165	544385	82.296	ng	93
58) Fluorene	15.351	166	1745615	81.705	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.916	232	478253	79.156	ng	99
60) Diethylphthalate	15.134	149	1687906	77.634	ng	99
61) 4-Chlorophenyl-phenyle...	15.351	204	956380	81.256	ng	100
62) 4-Nitroaniline	15.422	138	332889	83.981	ng	99
63) Azobenzene	15.657	77	1653896	79.670	ng	99
65) 4,6-Dinitro-2-methylph...	15.475	198	323754	80.893	ng	97
66) n-Nitrosodiphenylamine	15.581	169	1417559	87.900	ng	99
67) 4-Bromophenyl-phenylether	16.281	248	573250	87.051	ng	94
68) Hexachlorobenzene	16.381	284	667602	85.692	ng	99
69) Atrazine	16.581	200	329990	67.578	ng	99
70) Pentachlorophenol	16.751	266	381844	84.710	ng	98
71) Phenanthrene	17.157	178	2310413	81.139	ng	99
72) Anthracene	17.257	178	2302507	82.647	ng	100
73) Carbazole	17.557	167	1997378	78.083	ng	100
74) Di-n-butylphthalate	18.145	149	2316176	75.685	ng	100
75) Fluoranthene	19.269	202	2582035	73.777	ng	99
77) Benzidine	19.492	184	503669	86.442	ng	99
78) Pyrene	19.651	202	2652291	84.663	ng	99
80) Butylbenzylphthalate	20.616	149	986759	83.617	ng	97
81) Benzo(a)anthracene	21.580	228	2603354	84.589	ng	99
82) 3,3'-Dichlorobenzidine	21.510	252	854552	83.438	ng	98
83) Chrysene	21.651	228	2484131	83.468	ng	99
84) Bis(2-ethylhexyl)phtha...	21.522	149	1369301	79.914	ng	99
85) Di-n-octyl phthalate	22.810	149	2477801	85.087	ng	99
87) Indeno(1,2,3-cd)pyrene	28.745	276	3320937	84.656	ng	94
88) Benzo(b)fluoranthene	23.886	252	2776916	82.513	ng	99
89) Benzo(k)fluoranthene	23.957	252	2732023	81.934	ng	99
90) Benzo(a)pyrene	24.780	252	2516711	85.017	ng	99
91) Dibenzo(a,h)anthracene	28.809	278	2742246	84.556	ng	100
92) Benzo(g,h,i)perylene	29.909	276	2782009	84.180	ng	98

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

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