

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020722\
 Data File : BP009041.D
 Acq On : 07 Feb 2022 11:46
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/09/2022
 Supervised By : Yogesh Patel 02/15/2022

Quant Time: Feb 07 13:11:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 13:09:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	224251	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	890949	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	610625	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1235989	20.000	ng	0.00
76) Chrysene-d12	21.298	240	997314	20.000	ng	0.00
86) Perylene-d12	23.692	264	798082	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	531830	41.702	ng	0.00
7) Phenol-d6	6.987	99	713190	42.675	ng	0.00
23) Nitrobenzene-d5	8.969	82	656913	41.317	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	340306	40.669	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	1813837	41.468	ng	0.00
79) Terphenyl-d14	19.769	244	2585178	47.150	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	85286	20.234	ng	96
3) Pyridine	3.705	79	276959	22.131	ng	94
4) n-Nitrosodimethylamine	3.617	42	102015	21.946	ng	87
6) Aniline	7.134	93	398608	20.972	ng	98
8) 2-Chlorophenol	7.375	128	302316	21.057	ng	97
9) Benzaldehyde	6.952	77	199179	24.862	ng	98
10) Phenol	7.016	94	355897	21.235	ng	97
11) bis(2-Chloroethyl)ether	7.234	93	278240	21.459	ng	97
12) 1,3-Dichlorobenzene	7.693	146	344258	20.935	ng	97
13) 1,4-Dichlorobenzene	7.840	146	350729	20.823	ng	99
14) 1,2-Dichlorobenzene	8.158	146	343950	21.152	ng	98
15) Benzyl Alcohol	8.058	79	227691	21.209	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.340	45	315076	21.899	ng	100
17) 2-Methylphenol	8.263	107	238398	21.211	ng	96
18) Hexachloroethane	8.881	117	117824	21.209	ng	99
19) n-Nitroso-di-n-propyla...	8.616	70	213686	22.148	ng	95
20) 3+4-Methylphenols	8.593	107	334604	21.644	ng	98
22) Acetophenone	8.634	105	444970	20.985	ng	# 95
24) Nitrobenzene	9.010	77	309161	20.589	ng	96
25) Isophorone	9.540	82	555259	20.866	ng	98
26) 2-Nitrophenol	9.728	139	159130	20.032	ng	95
27) 2,4-Dimethylphenol	9.793	122	242524	20.683	ng	99
28) bis(2-Chloroethoxy)met...	10.022	93	378972	21.365	ng	100
29) 2,4-Dichlorophenol	10.269	162	301671	20.622	ng	100
30) 1,2,4-Trichlorobenzene	10.469	180	345498	20.377	ng	99
31) Naphthalene	10.657	128	938835	20.564	ng	99
32) Benzoic acid	9.952	122	170791	18.346	ng	97
33) 4-Chloroaniline	10.775	127	390009	20.874	ng	98
34) Hexachlorobutadiene	10.940	225	212429	20.387	ng	99
35) Caprolactam	11.563	113	91148	20.768	ng	91
36) 4-Chloro-3-methylphenol	11.916	107	294606	21.118	ng	100
37) 2-Methylnaphthalene	12.269	142	677142	20.943	ng	99
38) 1-Methylnaphthalene	12.487	142	665096	21.000	ng	100
40) 1,2,4,5-Tetrachloroben...	12.640	216	388649	19.955	ng	100
41) Hexachlorocyclopentadiene	12.616	237	88868	17.832	ng	98
43) 2,4,6-Trichlorophenol	12.893	196	264096	20.126	ng	97

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44) 2,4,5-Trichlorophenol	12.975	196	284292	20.160	ng	98
46) 1,1'-Biphenyl	13.281	154	920469	20.482	ng	99
47) 2-Chloronaphthalene	13.322	162	724169	20.177	ng	100
48) 2-Nitroaniline	13.540	65	172334	20.283	ng	96
49) Acenaphthylene	14.169	152	1109367	20.408	ng	100
50) Dimethylphthalate	13.910	163	914256	20.764	ng	100
51) 2,6-Dinitrotoluene	14.028	165	191948	20.978	ng	90
52) Acenaphthene	14.510	154	670044	20.417	ng	98
53) 3-Nitroaniline	14.363	138	195657	20.407	ng	98
54) 2,4-Dinitrophenol	14.592	184	84800	16.831	ng	94
55) Dibenzofuran	14.851	168	1139585	20.605	ng	98
56) 4-Nitrophenol	14.698	139	129048	18.209	ng	85
57) 2,4-Dinitrotoluene	14.828	165	253197	20.884	ng	# 87
58) Fluorene	15.498	166	895534	20.942	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.087	232	254436m	20.629	ng	
60) Diethylphthalate	15.275	149	871295	21.087	ng	98
61) 4-Chlorophenyl-phenyle...	15.492	204	485806	21.033	ng	97
62) 4-Nitroaniline	15.534	138	198797	20.407	ng	89
63) Azobenzene	15.787	77	757071	21.294	ng	93
65) 4,6-Dinitro-2-methylph...	15.598	198	147666	19.129	ng	91
66) n-Nitrosodiphenylamine	15.710	169	789484	20.994	ng	99
67) 4-Bromophenyl-phenylether	16.392	248	296163	20.696	ng	97
68) Hexachlorobenzene	16.516	284	334190	20.827	ng	97
69) Atrazine	16.675	200	267850	21.300	ng	98
70) Pentachlorophenol	16.869	266	172752	20.082	ng	98
71) Phenanthrene	17.245	178	1404842	20.904	ng	98
72) Anthracene	17.339	178	1376522	20.979	ng	100
73) Carbazole	17.616	167	1317283	20.858	ng	99
74) Di-n-butylphthalate	18.169	149	1367109	21.191	ng	99
75) Fluoranthene	19.222	202	1560765	20.865	ng	96
77) Benzidine	19.404	184	483938	22.423	ng	97
78) Pyrene	19.575	202	1601372	22.989	ng	97
80) Butylbenzylphthalate	20.445	149	523139	21.380	ng	98
81) Benzo(a)anthracene	21.280	228	1337413	20.613	ng	98
82) 3,3'-Dichlorobenzidine	21.222	252	458891	19.351	ng	100
83) Chrysene	21.333	228	1294008	20.716	ng	97
84) Bis(2-ethylhexyl)phtha...	21.210	149	681462	20.889	ng	96
85) Di-n-octyl phthalate	22.127	149	978858	18.031	ng	99
87) Indeno(1,2,3-cd)pyrene	26.192	276	1152904	19.290	ng	97
88) Benzo(b)fluoranthene	22.963	252	1048914	21.851	ng	99
89) Benzo(k)fluoranthene	23.010	252	1052361	21.507	ng	99
90) Benzo(a)pyrene	23.586	252	855405	20.749	ng	98
91) Dibenzo(a,h)anthracene	26.198	278	948884	19.300	ng	99
92) Benzo(g,h,i)perylene	26.951	276	935604	19.038	ng	98

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

