

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
 Data File : BP009000.D
 Acq On : 02 Feb 2022 10:47
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian
 Giraldo

Quant Time: Feb 03 06:22:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 03 06:20:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	289535	20.000	ng	0.00
21) Naphthalene-d8	10.628	136	1184900	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	812611	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1731341	20.000	ng	0.00
76) Chrysene-d12	21.321	240	1575871	20.000	ng	0.00
86) Perylene-d12	23.721	264	1429113	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1457234	77.831	ng	0.00
7) Phenol-d6	7.010	99	1867593	82.373	ng	0.00
23) Nitrobenzene-d5	8.987	82	1716978	82.268	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	1039884	87.914	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	4618659	74.954	ng	0.00
79) Terphenyl-d14	19.786	244	7345005	78.673	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	244190	32.223	ng	97
3) Pyridine	3.722	79	618456	38.965	ng	95
4) n-Nitrosodimethylamine	3.634	42	284141	38.157	ng	# 86
6) Aniline	7.152	93	1182887	41.801	ng	97
8) 2-Chlorophenol	7.393	128	820600	41.152	ng	98
9) Benzaldehyde	6.969	77	588153	38.813	ng	96
10) Phenol	7.034	94	968477	41.900	ng	94
11) bis(2-Chloroethyl)ether	7.252	93	758221	41.229	ng	98
12) 1,3-Dichlorobenzene	7.716	146	921947	38.825	ng	97
13) 1,4-Dichlorobenzene	7.863	146	946079	39.310	ng	100
14) 1,2-Dichlorobenzene	8.175	146	909373	39.627	ng	99
15) Benzyl Alcohol	8.075	79	707042	44.452	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.357	45	870215	42.313	ng	99
17) 2-Methylphenol	8.281	107	662788	42.801	ng	95
18) Hexachloroethane	8.899	117	329732	40.366	ng	99
19) n-Nitroso-di-n-propyla...	8.640	70	591310	44.616	ng	96
20) 3+4-Methylphenols	8.616	107	909113	44.224	ng	96
22) Acetophenone	8.651	105	1217303	40.329	ng	# 96
24) Nitrobenzene	9.034	77	866048	41.081	ng	98
25) Isophorone	9.563	82	1655713	43.898	ng	98
26) 2-Nitrophenol	9.740	139	476583	43.001	ng	93
27) 2,4-Dimethylphenol	9.810	122	786213	41.606	ng	99
28) bis(2-Chloroethoxy)met...	10.040	93	1024385	41.621	ng	99
29) 2,4-Dichlorophenol	10.287	162	866099	42.000	ng	99
30) 1,2,4-Trichlorobenzene	10.493	180	948077	39.250	ng	99
31) Naphthalene	10.675	128	2564118	39.843	ng	100
32) Benzoic acid	10.010	122	516730	47.648	ng	98
33) 4-Chloroaniline	10.793	127	1121914	42.779	ng	99
34) Hexachlorobutadiene	10.963	225	590349	39.117	ng	100
35) Caprolactam	11.610	113	280292	49.307	ng	91
36) 4-Chloro-3-methylphenol	11.934	107	839063	45.102	ng	99
37) 2-Methylnaphthalene	12.287	142	1946469	41.373	ng	98
38) 1-Methylnaphthalene	12.510	142	1815735	42.047	ng	100
40) 1,2,4,5-Tetrachloroben...	12.663	216	1128946	38.103	ng	99
41) Hexachlorocyclopentadiene	12.640	237	554232	36.557	ng	98
43) 2,4,6-Trichlorophenol	12.910	196	746216	40.734	ng	99

02/03/2022
 Supervised By : Jagrut
 Upadhyay

02/04/2022

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44) 2,4,5-Trichlorophenol	12.987	196	806434	40.901	ng	98
46) 1,1'-Biphenyl	13.304	154	2541487	38.441	ng	99
47) 2-Chloronaphthalene	13.345	162	1982826	38.895	ng	99
48) 2-Nitroaniline	13.551	65	512169	45.248	ng	96
49) Acenaphthylene	14.192	152	3129577	40.633	ng	99
50) Dimethylphthalate	13.934	163	2518803	41.735	ng	99
51) 2,6-Dinitrotoluene	14.051	165	562035	43.910	ng	92
52) Acenaphthene	14.534	154	1855668	40.622	ng	99
53) 3-Nitroaniline	14.381	138	576647	45.809	ng	97
54) 2,4-Dinitrophenol	14.604	184	248127	47.933	ng	95
55) Dibenzofuran	14.869	168	3009306	40.428	ng	98
56) 4-Nitrophenol	14.716	139	405755	44.762	ng	91
57) 2,4-Dinitrotoluene	14.845	165	769659	46.749	ng	# 88
58) Fluorene	15.522	166	2372619	40.355	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.104	232	704392m	43.370	ng	
60) Diethylphthalate	15.298	149	2458985	42.941	ng	100
61) 4-Chlorophenyl-phenyle...	15.516	204	1295442	40.448	ng	99
62) 4-Nitroaniline	15.551	138	574125	47.092	ng	90
63) Azobenzene	15.810	77	2056642	43.259	ng	96
65) 4,6-Dinitro-2-methylph...	15.616	198	397423	45.945	ng	92
66) n-Nitrosodiphenylamine	15.733	169	2134976	38.315	ng	98
67) 4-Bromophenyl-phenylether	16.410	248	833987	38.576	ng	97
68) Hexachlorobenzene	16.533	284	970209	39.163	ng	98
69) Atrazine	16.692	200	872471	42.134	ng	98
70) Pentachlorophenol	16.886	266	556840	42.197	ng	99
71) Phenanthrene	17.269	178	3840194	39.395	ng	98
72) Anthracene	17.357	178	3924221	40.130	ng	99
73) Carbazole	17.633	167	3494391	41.559	ng	99
74) Di-n-butylphthalate	18.180	149	4276499	42.262	ng	99
75) Fluoranthene	19.239	202	4487224	41.394	ng	97
77) Benzidine	19.416	184	2350297	42.217	ng	98
78) Pyrene	19.592	202	4480274	40.746	ng	99
80) Butylbenzylphthalate	20.463	149	1906914	43.120	ng	98
81) Benzo(a)anthracene	21.304	228	4305554	40.612	ng	98
82) 3,3'-Dichlorobenzidine	21.233	252	1756523	38.350	ng	97
83) Chrysene	21.357	228	4083968	39.738	ng	98
84) Bis(2-ethylhexyl)phtha...	21.221	149	2803082	40.930	ng	97
85) Di-n-octyl phthalate	22.145	149	4735996	40.880	ng	100
87) Indeno(1,2,3-cd)pyrene	26.245	276	4174218	35.446	ng	97
88) Benzo(b)fluoranthene	22.992	252	4244047	44.468	ng	98
89) Benzo(k)fluoranthene	23.039	252	4072185	44.079	ng	98
90) Benzo(a)pyrene	23.621	252	3945286	42.827	ng	99
91) Dibenzo(a,h)anthracene	26.256	278	3505657	35.009	ng	99
92) Benzo(g,h,i)perylene	27.015	276	3367754	34.446	ng	98

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

