

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
 Data File : BG055277.D
 Acq On : 25 Oct 2022 15:37
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/02/2022
 Supervised By : Jagrut Upadhyay 11/02/2022

Quant Time: Oct 26 14:44:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.272	152	40272	20.000	ng	0.00
21) Naphthalene-d8	11.104	136	173293	20.000	ng	0.00
39) Acenaphthene-d10	14.882	164	108330	20.000	ng	0.00
64) Phenanthrene-d10	17.614	188	259791	20.000	ng	0.00
76) Chrysene-d12	21.898	240	266789	20.000	ng	0.00
86) Perylene-d12	25.288	264	289477	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	195808	85.135	ng	0.00
7) Phenol-d6	7.415	99	276468	82.970	ng	0.00
23) Nitrobenzene-d5	9.447	82	281792	83.034	ng	0.00
42) 2,4,6-Tribromophenol	16.363	330	101673	86.336	ng	0.00
45) 2-Fluorobiphenyl	13.513	172	561906	84.898	ng	0.00
79) Terphenyl-d14	20.194	244	1033978	80.524	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.607	88	45700	41.152	ng	96
3) Pyridine	4.024	79	144775	43.291	ng	97
4) n-Nitrosodimethylamine	3.936	42	61288	41.249	ng	94
6) Aniline	7.585	93	177170	40.615	ng	98
8) 2-Chlorophenol	7.832	128	110643	41.378	ng	99
9) Benzaldehyde	7.397	77	84625	37.196	ng	96
10) Phenol	7.438	94	154214	41.318	ng	98
11) bis(2-Chloroethyl)ether	7.679	93	114225	40.542	ng	100
12) 1,3-Dichlorobenzene	8.161	146	120845	41.420	ng	97
13) 1,4-Dichlorobenzene	8.308	146	123075	41.301	ng	99
14) 1,2-Dichlorobenzene	8.631	146	117230	40.859	ng	98
15) Benzyl Alcohol	8.507	79	110460	39.614	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.795	45	177691	38.538	ng	98
17) 2-Methylphenol	8.707	107	106050	40.177	ng	98
18) Hexachloroethane	9.371	117	44385	41.828	ng	99
19) n-Nitroso-di-n-propyla...	9.077	70	104150	37.639	ng	98
20) 3+4-Methylphenols	9.036	107	149888	39.647	ng	99
22) Acetophenone	9.101	105	181999	41.080	ng	# 97
24) Nitrobenzene	9.489	77	147006	41.602	ng	99
25) Isophorone	10.012	82	263249	38.404	ng	98
26) 2-Nitrophenol	10.205	139	66486	42.965	ng	98
27) 2,4-Dimethylphenol	10.247	122	97475m	40.349	ng	
28) bis(2-Chloroethoxy)met...	10.487	93	139276	40.242	ng	99
29) 2,4-Dichlorophenol	10.740	162	107855	41.617	ng	99
30) 1,2,4-Trichlorobenzene	10.957	180	110104	41.627	ng	99
31) Naphthalene	11.151	128	377137	40.795	ng	100
32) Benzoic acid	10.382	122	69192	38.783	ng	97
33) 4-Chloroaniline	11.251	127	155898	39.445	ng	98
34) Hexachlorobutadiene	11.428	225	64035	42.372	ng	98
35) Caprolactam	12.021	113	45322	37.680	ng	98
36) 4-Chloro-3-methylphenol	12.350	107	127338	39.048	ng	98
37) 2-Methylnaphthalene	12.738	142	261610	39.250	ng	100
38) 1-Methylnaphthalene	12.955	142	255495	38.855	ng	100
40) 1,2,4,5-Tetrachloroben...	13.096	216	114182	43.701	ng	100
41) Hexachlorocyclopentadiene	13.073	237	54603	45.264	ng	100
43) 2,4,6-Trichlorophenol	13.325	196	84254	43.660	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.402	196	92158	43.176	ng	99
46) 1,1'-Biphenyl	13.725	154	320090	43.081	ng	99
47) 2-Chloronaphthalene	13.772	162	250637	42.778	ng	99
48) 2-Nitroaniline	13.966	65	96584	42.152	ng	98
49) Acenaphthylene	14.612	152	424105	41.932	ng	99
50) Dimethylphthalate	14.324	163	341979	40.207	ng	100
51) 2,6-Dinitrotoluene	14.453	165	73435	42.430	ng	93
52) Acenaphthene	14.953	154	276385	42.870	ng	100
53) 3-Nitroaniline	14.782	138	93960	43.194	ng	98
54) 2,4-Dinitrophenol	14.988	184	43615	44.919	ng	100
55) Dibenzofuran	15.276	168	397418	41.089	ng	100
56) 4-Nitrophenol	15.076	139	72978	46.905	ng	97
57) 2,4-Dinitrotoluene	15.235	165	109630	43.649	ng	94
58) Fluorene	15.922	166	330042	41.010	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.499	232	83875	44.078	ng	97
60) Diethylphthalate	15.675	149	367491	40.617	ng	99
61) 4-Chlorophenyl-phenyle...	15.905	204	149825	40.512	ng	99
62) 4-Nitroaniline	15.940	138	103511	45.281	ng	99
63) Azobenzene	16.198	77	358662	40.691	ng	98
65) 4,6-Dinitro-2-methylph...	15.993	198	66089	46.275	ng	98
66) n-Nitrosodiphenylamine	16.122	169	290919	40.232	ng	99
67) 4-Bromophenyl-phenylether	16.798	248	101267	40.122	ng	97
68) Hexachlorobenzene	16.921	284	114641	40.171	ng	96
69) Atrazine	17.050	200	111977	45.541	ng	98
70) Pentachlorophenol	17.262	266	69268	44.142	ng	95
71) Phenanthrene	17.661	178	574108	41.437	ng	99
72) Anthracene	17.750	178	564021	41.642	ng	99
73) Carbazole	18.014	167	569572	43.721	ng	100
74) Di-n-butylphthalate	18.549	149	733625	45.050	ng	100
75) Fluoranthene	19.647	202	725439	44.935	ng	99
77) Benzidine	19.818	184	263248	40.752	ng	99
78) Pyrene	20.006	202	744457	40.710	ng	99
80) Butylbenzylphthalate	20.864	149	352629	40.807	ng	98
81) Benzo(a)anthracene	21.874	228	715362	39.930	ng	99
82) 3,3'-Dichlorobenzidine	21.774	252	239057	40.971	ng	99
83) Chrysene	21.945	228	675880	39.717	ng	99
84) Bis(2-ethylhexyl)phtha...	21.745	149	499704	40.480	ng	98
85) Di-n-octyl phthalate	23.008	149	845929	41.134	ng	99
87) Indeno(1,2,3-cd)pyrene	29.195	276	871078	40.742	ng	# 91
88) Benzo(b)fluoranthene	24.207	252	718289	41.251	ng	99
89) Benzo(k)fluoranthene	24.277	252	701315	39.887	ng	99
90) Benzo(a)pyrene	25.129	252	608275	40.736	ng	99
91) Dibenzo(a,h)anthracene	29.260	278	712358	40.600	ng	100
92) Benzo(g,h,i)perylene	30.423	276	710991	40.855	ng	98

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

