

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092222\
 Data File : BG055007.D
 Acq On : 22 Sep 2022 12:05
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/23/2022
 Supervised By : Jagrut Upadhyay 09/23/2022

Quant Time: Sep 23 03:25:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 17:41:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.061	152	41229	20.000	ng	0.00
21) Naphthalene-d8	10.887	136	155267	20.000	ng	# 0.00
39) Acenaphthene-d10	14.706	164	108594	20.000	ng	0.00
64) Phenanthrene-d10	17.450	188	254709	20.000	ng	0.00
76) Chrysene-d12	21.727	240	256441	20.000	ng	0.00
86) Perylene-d12	25.035	264	281930	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.599	112	169035	80.222	ng	0.00
7) Phenol-d6	7.221	99	225171	79.727	ng	0.00
23) Nitrobenzene-d5	9.236	82	216060	80.656	ng	0.00
42) 2,4,6-Tribromophenol	16.192	330	104364	82.036	ng	0.00
45) 2-Fluorobiphenyl	13.325	172	566916	82.274	ng	0.00
79) Terphenyl-d14	20.053	244	969190	79.058	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.407	88	38694	37.799	ng	84
3) Pyridine	3.830	79	109533	39.377	ng	# 85
4) n-Nitrosodimethylamine	3.742	42	38903	38.331	ng	83
6) Aniline	7.379	93	138353	39.167	ng	93
8) 2-Chlorophenol	7.620	128	100017	40.297	ng	93
9) Benzaldehyde	7.191	77	67648	37.598	ng	91
10) Phenol	7.250	94	121756	39.781	ng	93
11) bis(2-Chloroethyl)ether	7.473	93	94411	39.002	ng	92
12) 1,3-Dichlorobenzene	7.949	146	115988	40.064	ng	97
13) 1,4-Dichlorobenzene	8.096	146	117190	39.719	ng	98
14) 1,2-Dichlorobenzene	8.419	146	111216	40.005	ng	98
15) Benzyl Alcohol	8.302	79	80950	39.190	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.584	45	104422	35.198	ng	91
17) 2-Methylphenol	8.507	107	84925	39.363	ng	97
18) Hexachloroethane	9.148	117	40377	39.815	ng	92
19) n-Nitroso-di-n-propyla...	8.866	70	74486	38.318	ng	# 88
20) 3+4-Methylphenols	8.842	107	120003	39.763	ng	96
22) Acetophenone	8.889	105	148770	40.541	ng	# 93
24) Nitrobenzene	9.283	77	107822	40.173	ng	92
25) Isophorone	9.800	82	200124	39.348	ng	97
26) 2-Nitrophenol	9.994	139	58889	41.673	ng	96
27) 2,4-Dimethylphenol	10.047	122	82506	41.357	ng	95
28) bis(2-Chloroethoxy)met...	10.282	93	115359	40.271	ng	99
29) 2,4-Dichlorophenol	10.540	162	100290	42.113	ng	98
30) 1,2,4-Trichlorobenzene	10.746	180	114106	41.577	ng	97
31) Naphthalene	10.934	128	328752	40.493	ng	100
32) Benzoic acid	10.417	122	7822m	14.398	ng	
33) 4-Chloroaniline	11.046	127	136234	41.178	ng	96
34) Hexachlorobutadiene	11.204	225	76171	41.790	ng	97
35) Caprolactam	11.827	113	34505	39.762	ng	# 71
36) 4-Chloro-3-methylphenol	12.174	107	103044	40.515	ng	98
37) 2-Methylnaphthalene	12.538	142	235517	40.720	ng	99
38) 1-Methylnaphthalene	12.755	142	228156	40.333	ng	100
40) 1,2,4,5-Tetrachloroben...	12.902	216	133770	42.126	ng	# 98
41) Hexachlorocyclopentadiene	12.873	237	6704	21.706	ng	98
43) 2,4,6-Trichlorophenol	13.149	196	76480	41.918	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.225	196	88650	42.317	ng	96
46) 1,1'-Biphenyl	13.537	154	302036	41.223	ng	97
47) 2-Chloronaphthalene	13.590	162	235897	41.184	ng	98
48) 2-Nitroaniline	13.795	65	66643	39.649	ng	# 82
49) Acenaphthylene	14.430	152	393366	40.639	ng	99
50) Dimethylphthalate	14.154	163	333241	40.525	ng	99
51) 2,6-Dinitrotoluene	14.283	165	71840	41.091	ng	# 80
52) Acenaphthene	14.771	154	242207m	40.612	ng	
53) 3-Nitroaniline	14.618	138	76497	40.331	ng	91
54) 2,4-Dinitrophenol	14.841	184	14691	33.884	ng	95
55) Dibenzofuran	15.100	168	380517	40.614	ng	97
56) 4-Nitrophenol	14.941	139	38586	35.078	ng	# 85
57) 2,4-Dinitrotoluene	15.070	165	101932	40.988	ng	# 80
58) Fluorene	15.752	166	321895	40.480	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.335	232	70222	36.678	ng	# 92
60) Diethylphthalate	15.505	149	326055	39.715	ng	97
61) 4-Chlorophenyl-phenyle...	15.734	204	163343	40.653	ng	97
62) 4-Nitroaniline	15.781	138	79929	40.462	ng	92
63) Azobenzene	16.028	77	264768	39.429	ng	92
65) 4,6-Dinitro-2-methylph...	15.840	198	49004	38.842	ng	89
66) n-Nitrosodiphenylamine	15.952	169	284886	41.833	ng	98
67) 4-Bromophenyl-phenylether	16.633	248	118085	42.037	ng	94
68) Hexachlorobenzene	16.751	284	135650	42.040	ng	94
69) Atrazine	16.898	200	105185	40.693	ng	98
70) Pentachlorophenol	17.115	266	21093	33.916	ng	97
71) Phenanthrene	17.497	178	530988	40.934	ng	99
72) Anthracene	17.585	178	516390	40.808	ng	98
73) Carbazole	17.855	167	471743	40.715	ng	99
74) Di-n-butylphthalate	18.396	149	580416	40.389	ng	99
75) Fluoranthene	19.500	202	659126	40.118	ng	98
77) Benzidine	19.682	184	198451	31.235	ng	100
78) Pyrene	19.865	202	673215	39.934	ng	99
80) Butylbenzylphthalate	20.728	149	268437	40.979	ng	93
81) Benzo(a)anthracene	21.710	228	674391	40.890	ng	99
82) 3,3'-Dichlorobenzidine	21.616	252	233884	40.880	ng	98
83) Chrysene	21.780	228	642318	40.684	ng	99
84) Bis(2-ethylhexyl)phtha...	21.580	149	391821	41.702	ng	97
85) Di-n-octyl phthalate	22.814	149	670520	41.275	ng	# 90
87) Indeno(1,2,3-cd)pyrene	28.854	276	855792	40.831	ng	# 95
88) Benzo(b)fluoranthene	23.977	252	689266	41.450	ng	98
89) Benzo(k)fluoranthene	24.048	252	693192	41.293	ng	98
90) Benzo(a)pyrene	24.876	252	587261	41.014	ng	98
91) Dibenzo(a,h)anthracene	28.907	278	701592	40.664	ng	98
92) Benzo(g,h,i)perylene	30.053	276	702002	40.359	ng	96

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

