

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
 Data File : BG057094.D
 Acq On : 14 Apr 2023 10:28
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/17/2023
 Supervised By : Jagrut Upadhyay 04/17/2023

Quant Time: Apr 14 12:09:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.402	152	15703	20.000	ng	0.00
21) Naphthalene-d8	11.245	136	65404	20.000	ng	0.00
39) Acenaphthene-d10	15.016	164	48432	20.000	ng	0.00
64) Phenanthrene-d10	17.754	188	115428	20.000	ng	0.00
76) Chrysene-d12	22.071	240	97268	20.000	ng	# 0.00
86) Perylene-d12	25.608	264	105594	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.911	112	80247	81.788	ng	0.00
7) Phenol-d6	7.532	99	122003	83.139	ng	0.00
23) Nitrobenzene-d5	9.582	82	125416	78.462	ng	0.00
42) 2,4,6-Tribromophenol	16.497	330	61388	79.342	ng	0.00
45) 2-Fluorobiphenyl	13.642	172	285186	79.847	ng	0.00
79) Terphenyl-d14	20.321	244	475804	82.775	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.714	88	17852	41.506	ng	96
3) Pyridine	4.137	79	58993	42.584	ng	99
4) n-Nitrosodimethylamine	4.043	42	23955	37.610	ng	87
6) Aniline	7.714	93	75519	40.256	ng	97
8) 2-Chlorophenol	7.961	128	40615	41.559	ng	93
9) Benzaldehyde	7.526	77	34353	37.323	ng	92
10) Phenol	7.562	94	60211	41.409	ng	95
11) bis(2-Chloroethyl)ether	7.802	93	44419	42.886	ng	95
12) 1,3-Dichlorobenzene	8.290	146	43389	40.180	ng	95
13) 1,4-Dichlorobenzene	8.437	146	44553	40.879	ng	93
14) 1,2-Dichlorobenzene	8.766	146	42380	40.249	ng	93
15) Benzyl Alcohol	8.631	79	47375	38.853	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.925	45	56156	44.987	ng	96
17) 2-Methylphenol	8.836	107	43796	42.218	ng	90
18) Hexachloroethane	9.506	117	15868	39.834	ng	91
19) n-Nitroso-di-n-propyla...	9.201	70	43405	41.353	ng	97
20) 3+4-Methylphenols	9.165	107	58819	40.548	ng	95
22) Acetophenone	9.230	105	76063	39.083	ng	# 97
24) Nitrobenzene	9.624	77	61250	37.480	ng	95
25) Isophorone	10.140	82	115894	38.075	ng	97
26) 2-Nitrophenol	10.340	139	24978	39.598	ng	# 89
27) 2,4-Dimethylphenol	10.381	122	43811	39.337	ng	98
28) bis(2-Chloroethoxy)met...	10.616	93	60447	39.667	ng	95
29) 2,4-Dichlorophenol	10.881	162	44026	36.757	ng	96
30) 1,2,4-Trichlorobenzene	11.098	180	48607	38.194	ng	94
31) Naphthalene	11.298	128	139860	39.232	ng	98
32) Benzoic acid	10.516	122	28464m	37.206	ng	
33) 4-Chloroaniline	11.392	127	65308	40.562	ng	93
34) Hexachlorobutadiene	11.568	225	34616	36.210	ng	96
35) Caprolactam	12.161	113	15134	36.638	ng	91
36) 4-Chloro-3-methylphenol	12.484	107	50654	37.816	ng	89
37) 2-Methylnaphthalene	12.872	142	107554	38.013	ng	98
38) 1-Methylnaphthalene	13.084	142	102629	38.629	ng	99
40) 1,2,4,5-Tetrachloroben...	13.230	216	65170	38.804	ng	99
41) Hexachlorocyclopentadiene	13.207	237	36074	38.984	ng	94
43) 2,4,6-Trichlorophenol	13.460	196	42763	39.901	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.536	196	49479	38.971	ng	98
46) 1,1'-Biphenyl	13.853	154	145912	41.156	ng	97
47) 2-Chloronaphthalene	13.906	162	108460	41.363	ng	95
48) 2-Nitroaniline	14.100	65	37942	40.467	ng	92
49) Acenaphthylene	14.746	152	174653	40.540	ng	98
50) Dimethylphthalate	14.452	163	152851	40.054	ng	100
51) 2,6-Dinitrotoluene	14.576	165	33892	41.106	ng	95
52) Acenaphthene	15.081	154	118174	39.772	ng	92
53) 3-Nitroaniline	14.911	138	33550	41.110	ng	98
54) 2,4-Dinitrophenol	15.116	184	18789	40.486	ng	96
55) Dibenzofuran	15.410	168	179937	40.349	ng	97
56) 4-Nitrophenol	15.204	139	24058	39.865	ng	# 85
57) 2,4-Dinitrotoluene	15.363	165	46760	40.211	ng	95
58) Fluorene	16.056	166	146562	39.716	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.633	232	43644m	37.754	ng	
60) Diethylphthalate	15.798	149	153305	40.073	ng	99
61) 4-Chlorophenyl-phenyle...	16.033	204	83648	38.607	ng	97
62) 4-Nitroaniline	16.068	138	35712	42.235	ng	# 81
63) Azobenzene	16.326	77	154085	40.415	ng	96
65) 4,6-Dinitro-2-methylph...	16.127	198	29042	41.543	ng	97
66) n-Nitrosodiphenylamine	16.250	169	127573	41.171	ng	99
67) 4-Bromophenyl-phenylether	16.931	248	54560	38.202	ng	94
68) Hexachlorobenzene	17.061	284	57504	40.725	ng	95
69) Atrazine	17.178	200	47674	37.065	ng	95
70) Pentachlorophenol	17.401	266	35341	34.888	ng	96
71) Phenanthrene	17.801	178	230373	39.145	ng	99
72) Anthracene	17.889	178	236604	39.219	ng	98
73) Carbazole	18.153	167	201978	38.399	ng	95
74) Di-n-butylphthalate	18.670	149	241332	39.622	ng	99
75) Fluoranthene	19.786	202	276419	37.052	ng	98
77) Benzidine	19.951	184	107146	40.301	ng	99
78) Pyrene	20.145	202	276440	41.091	ng	96
80) Butylbenzylphthalate	21.002	149	102889	44.443	ng	92
81) Benzo(a)anthracene	22.054	228	273072	40.570	ng	100
82) 3,3'-Dichlorobenzidine	21.948	252	92366	40.638	ng	96
83) Chrysene	22.124	228	257064	40.789	ng	98
84) Bis(2-ethylhexyl)phtha...	21.901	149	150420	44.871	ng	97
85) Di-n-octyl phthalate	23.211	149	247147	43.749	ng	99
87) Indeno(1,2,3-cd)pyrene	29.685	276	313783	40.209	ng	98
88) Benzo(b)fluoranthene	24.474	252	268083	40.599	ng	# 98
89) Benzo(k)fluoranthene	24.545	252	272131	41.282	ng	# 98
90) Benzo(a)pyrene	25.443	252	262730	40.491	ng	97
91) Dibenzo(a,h)anthracene	29.755	278	261822	40.816	ng	96
92) Benzo(g,h,i)perylene	30.965	276	251814	40.090	ng	98

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

