

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051322\
 Data File : BG053535.D
 Acq On : 13 May 2022 9:42
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 05/16/2022
 Supervised By : Jagrut Upadhyay 05/16/2022

Quant Time: May 14 03:12:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	26796	20.000	ng	0.00
21) Naphthalene-d8	10.896	136	109196	20.000	ng	# 0.00
39) Acenaphthene-d10	14.714	164	90123	20.000	ng	0.00
64) Phenanthrene-d10	17.458	188	223151	20.000	ng	0.00
76) Chrysene-d12	21.740	240	209749	20.000	ng	0.00
86) Perylene-d12	25.012	264	222237	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.650	112	121351	76.858	ng	0.00
7) Phenol-d6	7.248	99	193033	80.557	ng	0.00
23) Nitrobenzene-d5	9.251	82	212221	82.731	ng	0.00
42) 2,4,6-Tribromophenol	16.201	330	109331	82.253	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	492384	79.837	ng	0.00
79) Terphenyl-d14	20.060	244	901730	80.069	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.530	88	28387	34.266	ng	89
3) Pyridine	3.935	79	80473	39.776	ng	96
4) n-Nitrosodimethylamine	3.847	42	38113	38.672	ng	# 94
6) Aniline	7.407	93	107743	40.597	ng	97
8) 2-Chlorophenol	7.653	128	62589	37.919	ng	98
9) Benzaldehyde	7.219	77	55890m	36.714	ng	
10) Phenol	7.278	94	90830	38.757	ng	96
11) bis(2-Chloroethyl)ether	7.495	93	70577	40.379	ng	96
12) 1,3-Dichlorobenzene	7.977	146	73629m	37.812	ng	
13) 1,4-Dichlorobenzene	8.118	146	74637	37.984	ng	96
14) 1,2-Dichlorobenzene	8.441	146	72065	39.056	ng	95
15) Benzyl Alcohol	8.323	79	82971	41.417	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.605	45	117580	41.333	ng	97
17) 2-Methylphenol	8.529	107	62231	39.287	ng	92
18) Hexachloroethane	9.175	117	28262	37.875	ng	97
19) n-Nitroso-di-n-propyla...	8.887	70	70248	40.859	ng	95
20) 3+4-Methylphenols	8.858	107	91537	40.917	ng	99
22) Acetophenone	8.905	105	121394	40.620	ng	# 98
24) Nitrobenzene	9.292	77	99875	40.227	ng	96
25) Isophorone	9.815	82	185687	43.012	ng	97
26) 2-Nitrophenol	10.009	139	42208	41.974	ng	99
27) 2,4-Dimethylphenol	10.062	122	62010	40.976	ng	95
28) bis(2-Chloroethoxy)met...	10.291	93	105111	42.334	ng	99
29) 2,4-Dichlorophenol	10.550	162	77343	42.347	ng	93
30) 1,2,4-Trichlorobenzene	10.761	180	87066	41.956	ng	95
31) Naphthalene	10.949	128	226019	40.691	ng	99
32) Benzoic acid	10.232	122	32960m	37.169	ng	
33) 4-Chloroaniline	11.049	127	98923	42.526	ng	96
34) Hexachlorobutadiene	11.231	225	63742	41.424	ng	99
35) Caprolactam	11.830	113	28845	43.459	ng	89
36) 4-Chloro-3-methylphenol	12.177	107	94675	43.335	ng	98
37) 2-Methylnaphthalene	12.547	142	175299	42.289	ng	98
38) 1-Methylnaphthalene	12.764	142	167564m	41.432	ng	
40) 1,2,4,5-Tetrachloroben...	12.917	216	115154	40.536	ng	99
41) Hexachlorocyclopentadiene	12.893	237	37432	37.612	ng	97
43) 2,4,6-Trichlorophenol	13.152	196	76144	41.063	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.234	196	81659	41.377	ng	97
46) 1,1'-Biphenyl	13.546	154	247698	40.321	ng	99
47) 2-Chloronaphthalene	13.592	162	193128	40.126	ng	98
48) 2-Nitroaniline	13.792	65	75896	42.319	ng	97
49) Acenaphthylene	14.438	152	309854	40.344	ng	99
50) Dimethylphthalate	14.162	163	274960	40.149	ng	99
51) 2,6-Dinitrotoluene	14.286	165	56812	40.718	ng	96
52) Acenaphthene	14.779	154	186058	40.650	ng	97
53) 3-Nitroaniline	14.615	138	61358	40.700	ng	99
54) 2,4-Dinitrophenol	14.826	184	29572	37.028	ng	93
55) Dibenzofuran	15.108	168	328567	39.965	ng	96
56) 4-Nitrophenol	14.932	139	42112	39.109	ng	93
57) 2,4-Dinitrotoluene	15.073	165	82417	40.751	ng	92
58) Fluorene	15.760	166	266297	40.364	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.337	232	84817	42.358	ng	98
60) Diethylphthalate	15.519	149	285246	40.321	ng	99
61) 4-Chlorophenyl-phenyle...	15.743	204	154566	41.985	ng	98
62) 4-Nitroaniline	15.778	138	62223	39.793	ng	95
63) Azobenzene	16.036	77	297993	41.136	ng	99
65) 4,6-Dinitro-2-methylph...	15.842	198	56111	42.198	ng	98
66) n-Nitrosodiphenylamine	15.960	169	236956	40.444	ng	97
67) 4-Bromophenyl-phenylether	16.641	248	108209	41.521	ng	94
68) Hexachlorobenzene	16.771	284	115050	40.309	ng	99
69) Atrazine	16.906	200	95054	38.538	ng	96
70) Pentachlorophenol	17.117	266	53001	37.127	ng	95
71) Phenanthrene	17.499	178	450866	39.735	ng	97
72) Anthracene	17.593	178	444649	39.868	ng	97
73) Carbazole	17.857	167	421795	38.589	ng	99
74) Di-n-butylphthalate	18.404	149	475660	38.693	ng	100
75) Fluoranthene	19.508	202	558747	38.031	ng	98
77) Benzidine	19.678	184	198175	43.836	ng	97
78) Pyrene	19.866	202	555541	40.915	ng	100
80) Butylbenzylphthalate	20.742	149	206264	41.427	ng	99
81) Benzo(a)anthracene	21.717	228	539813	40.350	ng	98
82) 3,3'-Dichlorobenzidine	21.629	252	141682	41.763	ng	98
83) Chrysene	21.787	228	500657	40.069	ng	99
84) Bis(2-ethylhexyl)phtha...	21.605	149	285094	41.485	ng	99
85) Di-n-octyl phthalate	22.833	149	489711	42.141	ng	100
87) Indeno(1,2,3-cd)pyrene	28.772	276	646862	41.791	ng	99
88) Benzo(b)fluoranthene	23.973	252	538822	40.961	ng	99
89) Benzo(k)fluoranthene	24.043	252	523043	40.463	ng	99
90) Benzo(a)pyrene	24.860	252	460432	41.123	ng	98
91) Dibenzo(a,h)anthracene	28.825	278	525081	41.170	ng	99
92) Benzo(g,h,i)perylene	29.947	276	523185	41.383	ng	97

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

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