

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
 Data File : BG060717.D
 Acq On : 1 Apr 2024 16:05
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

 Reviewed By :Yogesh
 Patel

04/02/2024

 Supervised By :mohammad
 ahmed

Quant Time: Apr 01 16:38:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	68762	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	302875	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	222711	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	496679	20.000	ng	0.00
76) Chrysene-d12	21.595	240	439254	20.000	ng	0.00
86) Perylene-d12	24.733	264	507437	20.000	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.537	112	434752	105.327	ng	0.00
7) Phenol-d6	7.112	99	553586	90.352	ng	0.00
23) Nitrobenzene-d5	9.110	82	501887	94.555	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	245387	97.063	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	1363068	89.824	ng	0.00
79) Terphenyl-d14	19.956	244	2200253	88.201	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.463	88	85109	50.292	ng	97
3) Pyridine	3.851	79	276503	54.167	ng	98
4) n-Nitrosodimethylamine	3.763	42	159307	52.210	ng	98
6) Aniline	7.282	93	348594	45.054	ng	97
8) 2-Chlorophenol	7.523	128	211326	45.160	ng	98
9) Benzaldehyde	7.094	77	144815	42.862	ng	100
10) Phenol	7.141	94	284047	45.426	ng	97
11) bis(2-Chloroethyl)ether	7.382	93	225422	44.652	ng	98
12) 1,3-Dichlorobenzene	7.847	146	215127	44.207	ng	98
13) 1,4-Dichlorobenzene	7.993	146	217299	43.769	ng	99
14) 1,2-Dichlorobenzene	8.311	146	214904	44.170	ng	99
15) Benzyl Alcohol	8.187	79	217878	43.900	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.493	45	496047m	43.539	ng	
17) 2-Methylphenol	8.387	107	212651	45.049	ng	97
18) Hexachloroethane	9.045	117	75455	42.793	ng	95
19) n-Nitroso-di-n-propyla...	8.763	70	203149	43.478	ng	98
20) 3+4-Methylphenols	8.716	107	287471	44.472	ng	95
22) Acetophenone	8.775	105	367946	44.058	ng	98
24) Nitrobenzene	9.151	77	263230	44.752	ng	98
25) Isophorone	9.680	82	547256	44.764	ng	99
26) 2-Nitrophenol	9.868	139	88535	43.688	ng	98
27) 2,4-Dimethylphenol	9.921	122	219780	44.753	ng	98
28) bis(2-Chloroethoxy)met...	10.167	93	325138	45.047	ng	98
29) 2,4-Dichlorophenol	10.397	162	210611	46.702	ng	99
30) 1,2,4-Trichlorobenzene	10.620	180	231040	45.244	ng	99
31) Naphthalene	10.808	128	729798	44.544	ng	100
32) Benzoic acid	10.056	122	139890	43.552	ng	95
33) 4-Chloroaniline	10.902	127	333883	43.876	ng	98
34) Hexachlorobutadiene	11.102	225	152857	44.915	ng	98
35) Caprolactam	11.671	113	76383	42.765	ng	# 93
36) 4-Chloro-3-methylphenol	12.024	107	261381	45.371	ng	98
37) 2-Methylnaphthalene	12.412	142	533254	44.271	ng	100
38) 1-Methylnaphthalene	12.629	142	505769	44.447	ng	99
40) 1,2,4,5-Tetrachloroben...	12.776	216	294607	46.013	ng	100
41) Hexachlorocyclopentadiene	12.764	237	150067	46.095	ng	98
43) 2,4,6-Trichlorophenol	13.011	196	196611	47.689	ng	97

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44) 2,4,5-Trichlorophenol	13.082	196	236322	48.032	ng	95
46) 1,1'-Biphenyl	13.422	154	708222	45.021	ng	98
47) 2-Chloronaphthalene	13.458	162	540293	45.206	ng	99
48) 2-Nitroaniline	13.657	65	171538	44.811	ng	98
49) Acenaphthylene	14.310	152	909425	45.285	ng	99
50) Dimethylphthalate	14.051	163	771183	43.809	ng	99
51) 2,6-Dinitrotoluene	14.157	165	141737	45.191	ng	96
52) Acenaphthene	14.650	154	560348	44.441	ng	99
53) 3-Nitroaniline	14.480	138	157999	45.834	ng	93
54) 2,4-Dinitrophenol	14.680	184	53154	43.381	ng	95
55) Dibenzofuran	14.985	168	886996	44.599	ng	98
56) 4-Nitrophenol	14.774	139	123424	47.961	ng	92
57) 2,4-Dinitrotoluene	14.938	165	186458	45.769	ng	96
58) Fluorene	15.637	166	700577	43.890	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.209	232	200750	46.820	ng	99
60) Diethylphthalate	15.420	149	776338	43.836	ng	100
61) 4-Chlorophenyl-phenyle...	15.632	204	373061	44.177	ng	95
62) 4-Nitroaniline	15.643	138	156920	48.757	ng	97
63) Azobenzene	15.925	77	768835	44.550	ng	100
65) 4,6-Dinitro-2-methylph...	15.702	198	87565	43.494	ng	98
66) n-Nitrosodiphenylamine	15.843	169	653687	46.056	ng	98
67) 4-Bromophenyl-phenylether	16.530	248	237202	47.058	ng	100
68) Hexachlorobenzene	16.636	284	259196	45.551	ng	97
69) Atrazine	16.801	200	225398	45.413	ng	98
70) Pentachlorophenol	16.977	266	182115	49.049	ng	97
71) Phenanthrene	17.377	178	1152578	44.620	ng	99
72) Anthracene	17.465	178	1176854	44.861	ng	100
73) Carbazole	17.729	167	1015733	43.915	ng	98
74) Di-n-butylphthalate	18.317	149	1275134	44.220	ng	100
75) Fluoranthene	19.386	202	1343859	42.873	ng	99
77) Benzidine	19.562	184	590364	51.041	ng	100
78) Pyrene	19.744	202	1390737	45.271	ng	100
80) Butylbenzylphthalate	20.655	149	528159	47.130	ng	99
81) Benzo(a)anthracene	21.578	228	1388179	44.834	ng	99
82) 3,3'-Dichlorobenzidine	21.495	252	503451	48.156	ng	97
83) Chrysene	21.642	228	1342494	44.984	ng	100
84) Bis(2-ethylhexyl)phtha...	21.531	149	830485	46.496	ng	97
85) Di-n-octyl phthalate	22.729	149	1389847	47.764	ng	99
87) Indeno(1,2,3-cd)pyrene	28.293	276	1649249	46.154	ng	94
88) Benzo(b)fluoranthene	23.746	252	1311421	44.985	ng	98
89) Benzo(k)fluoranthene	23.810	252	1380607	46.270	ng	99
90) Benzo(a)pyrene	24.586	252	1301052	45.925	ng	98
91) Dibenzo(a,h)anthracene	28.370	278	1380816	45.840	ng	98
92) Benzo(g,h,i)perylene	29.392	276	1346802	45.962	ng	98

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

