

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030722\
 Data File : BG052591.D
 Acq On : 7 Mar 2022 15:16
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG030722

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 03/08/2022
 Supervised By : Jagrut Upadhyay 03/08/2022

Quant Time: Mar 08 01:12:35 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030722.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Mar 08 01:09:10 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.237	152	29826	20.000	ng	0.01
21) Naphthalene-d8	11.068	136	120349	20.000	ng	# 0.00
39) Acenaphthene-d10	14.875	164	86302	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	214619	20.000	ng	0.00
76) Chrysene-d12	21.936	240	206985	20.000	ng	0.00
86) Perylene-d12	25.407	264	219619	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.763	112	143271	81.838	ng	0.01
7) Phenol-d6	7.379	99	204523	83.142	ng	0.00
23) Nitrobenzene-d5	9.406	82	210179	79.617	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	103531	83.472	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	500540	79.975	ng	0.00
79) Terphenyl-d14	20.215	244	951689	82.337	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.584	88	31852	40.153	ng	# 89
3) Pyridine	4.001	79	88009	41.060	ng	96
4) n-Nitrosodimethylamine	3.907	42	40733	39.852	ng	81
6) Aniline	7.543	93	119678	41.958	ng	95
8) 2-Chlorophenol	7.796	128	75667	41.168	ng	93
9) Benzaldehyde	7.355	77	57481m	38.956	ng	
10) Phenol	7.408	94	101343	41.342	ng	93
11) bis(2-Chloroethyl)ether	7.632	93	77812	41.137	ng	95
12) 1,3-Dichlorobenzene	8.119	146	87919	40.614	ng	94
13) 1,4-Dichlorobenzene	8.272	146	89577	41.070	ng	97
14) 1,2-Dichlorobenzene	8.595	146	85313	40.154	ng	92
15) Benzyl Alcohol	8.466	79	80978	42.232	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.759	45	102726	40.297	ng	96
17) 2-Methylphenol	8.677	107	68385	42.040	ng	# 88
18) Hexachloroethane	9.335	117	30428	39.632	ng	92
19) n-Nitroso-di-n-propyla...	9.036	70	70845	42.299	ng	87
20) 3+4-Methylphenols	9.006	107	94352	42.435	ng	94
22) Acetophenone	9.059	105	124383	40.080	ng	# 93
24) Nitrobenzene	9.447	77	99571	39.875	ng	92
25) Isophorone	9.970	82	181725	40.814	ng	97
26) 2-Nitrophenol	10.169	139	46132	41.313	ng	89
27) 2,4-Dimethylphenol	10.222	122	67905	42.134	ng	92
28) bis(2-Chloroethoxy)met...	10.451	93	105432	39.446	ng	98
29) 2,4-Dichlorophenol	10.716	162	80986	42.536	ng	97
30) 1,2,4-Trichlorobenzene	10.927	180	95601	41.007	ng	98
31) Naphthalene	11.121	128	253130	40.092	ng	97
32) Benzoic acid	10.369	122	27301m	40.472	ng	
33) 4-Chloroaniline	11.221	127	108888	42.618	ng	97
34) Hexachlorobutadiene	11.403	225	62000	38.899	ng	94
35) Caprolactam	11.985	113	29734	43.928	ng	87
36) 4-Chloro-3-methylphenol	12.337	107	89013	41.974	ng	98
37) 2-Methylnaphthalene	12.713	142	185464	40.285	ng	96
38) 1-Methylnaphthalene	12.930	142	180465	40.231	ng	# 98
40) 1,2,4,5-Tetrachloroben...	13.077	216	115059	40.188	ng	96
41) Hexachlorocyclopentadiene	13.060	237	45382	38.665	ng	99
43) 2,4,6-Trichlorophenol	13.318	196	75049	42.048	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.394	196	80349	41.687	ng	94
46) 1,1'-Biphenyl	13.706	154	258638	40.662	ng	98
47) 2-Chloronaphthalene	13.759	162	199021	40.388	ng	98
48) 2-Nitroaniline	13.952	65	67311	41.570	ng	89
49) Acenaphthylene	14.599	152	322908	40.761	ng	99
50) Dimethylphthalate	14.317	163	269629	40.566	ng	100
51) 2,6-Dinitrotoluene	14.434	165	59265	41.080	ng	92
52) Acenaphthene	14.939	154	209714m	40.756	ng	
53) 3-Nitroaniline	14.769	138	63926	41.967	ng	91
54) 2,4-Dinitrophenol	14.980	184	32901	40.843	ng	96
55) Dibenzofuran	15.268	168	326092	40.092	ng	99
56) 4-Nitrophenol	15.080	139	46186	44.590	ng	# 79
57) 2,4-Dinitrotoluene	15.227	165	85034	41.672	ng	# 82
58) Fluorene	15.920	166	269238	40.910	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.497	232	79562	43.174	ng	97
60) Diethylphthalate	15.668	149	276061	40.705	ng	98
61) 4-Chlorophenyl-phenyle...	15.903	204	148301	40.163	ng	98
62) 4-Nitroaniline	15.932	138	66929m	42.153	ng	
63) Azobenzene	16.196	77	265789	40.146	ng	91
65) 4,6-Dinitro-2-methylph...	15.997	198	57644	43.963	ng	86
66) n-Nitrosodiphenylamine	16.114	169	239255	40.139	ng	96
67) 4-Bromophenyl-phenylether	16.802	248	104882	40.436	ng	93
68) Hexachlorobenzene	16.931	284	110873	39.538	ng	93
69) Atrazine	17.054	200	94182	41.461	ng	94
70) Pentachlorophenol	17.277	266	56521	40.728	ng	97
71) Phenanthrene	17.665	178	445287	39.918	ng	98
72) Anthracene	17.753	178	436558	39.655	ng	98
73) Carbazole	18.023	167	435032	40.195	ng	99
74) Di-n-butylphthalate	18.558	149	485232	40.233	ng	98
75) Fluoranthene	19.668	202	566812	39.415	ng	99
77) Benzidine	19.833	184	187704	42.411	ng	98
78) Pyrene	20.027	202	567017	41.589	ng	99
80) Butylbenzylphthalate	20.896	149	210648	41.629	ng	93
81) Benzo(a)anthracene	21.918	228	561871	40.806	ng	99
82) 3,3'-Dichlorobenzidine	21.818	252	200219	41.035	ng	98
83) Chrysene	21.989	228	527640	40.371	ng	99
84) Bis(2-ethylhexyl)phtha...	21.789	149	294214	41.698	ng	97
85) Di-n-octyl phthalate	23.081	149	490124	41.649	ng	# 94
87) Indeno(1,2,3-cd)pyrene	29.414	276	645226	40.246	ng	# 99
88) Benzo(b)fluoranthene	24.297	252	544437	39.547	ng	99
89) Benzo(k)fluoranthene	24.374	252	547786	40.054	ng	98
90) Benzo(a)pyrene	25.243	252	467552	40.372	ng	98
91) Dibenzo(a,h)anthracene	29.478	278	532989	40.351	ng	96
92) Benzo(g,h,i)perylene	30.665	276	524034	40.249	ng	# 97

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

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