

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122623\
 Data File : BG060168.D
 Acq On : 26 Dec 2023 13:13
 Operator : MA/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2023
 Supervised By :Sohil Jodhani 12/28/2023

Quant Time: Dec 27 00:33:40 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122623.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Dec 27 00:26:26 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	227734	20.000	ng	0.00
21) Naphthalene-d8	10.743	136	1094546	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	897243	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	2207701	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1963144	20.000	ng	0.00
86) Perylene-d12	24.762	264	2184009	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	615308	43.250	ng	0.00
7) Phenol-d6	7.100	99	967378	43.073	ng	0.00
23) Nitrobenzene-d5	9.098	82	974858	42.099	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	505885	42.014	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	2640079	46.151	ng	0.00
79) Terphenyl-d14	19.944	244	4076442	41.022	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.417	88	130349	21.757	ng	97
3) Pyridine	3.810	79	376104	21.192	ng	100
4) n-Nitrosodimethylamine	3.728	42	150244	21.384	ng	# 86
6) Aniline	7.265	93	497975	21.536	ng	98
8) 2-Chlorophenol	7.506	128	321019	21.318	ng	96
9) Benzaldehyde	7.077	77	301234	23.682	ng	93
10) Phenol	7.130	94	496421	21.469	ng	99
11) bis(2-Chloroethyl)ether	7.359	93	398024	21.770	ng	97
12) 1,3-Dichlorobenzene	7.829	146	382140	21.645	ng	96
13) 1,4-Dichlorobenzene	7.976	146	387556	21.458	ng	98
14) 1,2-Dichlorobenzene	8.293	146	381556	20.999	ng	98
15) Benzyl Alcohol	8.176	79	343703	21.758	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.464	45	558567	21.318	ng	99
17) 2-Methylphenol	8.381	107	328992	20.993	ng	97
18) Hexachloroethane	9.022	117	137073	22.138	ng	80
19) n-Nitroso-di-n-propyla...	8.740	70	371857	21.989	ng	96
20) 3+4-Methylphenols	8.704	107	475985	21.710	ng	97
22) Acetophenone	8.757	105	651653	20.646	ng	# 98
24) Nitrobenzene	9.145	77	492880	20.368	ng	98
25) Isophorone	9.662	82	1050297	21.279	ng	98
26) 2-Nitrophenol	9.856	139	191117	20.132	ng	97
27) 2,4-Dimethylphenol	9.909	122	245972	20.689	ng	98
28) bis(2-Chloroethoxy)met...	10.144	93	611172	20.888	ng	99
29) 2,4-Dichlorophenol	10.391	162	389493	20.222	ng	95
30) 1,2,4-Trichlorobenzene	10.602	180	457506	20.835	ng	97
31) Naphthalene	10.796	128	1187162	20.968	ng	99
32) Benzoic acid	10.021	122	183955m	18.589	ng	
33) 4-Chloroaniline	10.902	127	479697	20.853	ng	98
34) Hexachlorobutadiene	11.078	225	266021	20.346	ng	98
35) Caprolactam	11.666	113	145593	21.000	ng	98
36) 4-Chloro-3-methylphenol	12.024	107	435419	20.863	ng	95
37) 2-Methylnaphthalene	12.400	142	903665	20.804	ng	98
38) 1-Methylnaphthalene	12.623	142	921384	21.113	ng	98
40) 1,2,4,5-Tetrachloroben...	12.764	216	547657	20.237	ng	99
41) Hexachlorocyclopentadiene	12.747	237	176616	19.822	ng	95
43) 2,4,6-Trichlorophenol	13.005	196	383553	20.767	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.082	196	432022	20.882	ng	97
46) 1,1'-Biphenyl	13.411	154	1369737	21.468	ng	96
47) 2-Chloronaphthalene	13.452	162	1129177	20.776	ng	98
48) 2-Nitroaniline	13.652	65	333740	20.585	ng	95
49) Acenaphthylene	14.298	152	1696701	21.802	ng	97
50) Dimethylphthalate	14.028	163	1469091	21.793	ng	98
51) 2,6-Dinitrotoluene	14.151	165	316420	20.661	ng	96
52) Acenaphthene	14.639	154	1046013m	21.146	ng	
53) 3-Nitroaniline	14.480	138	301700	21.681	ng	98
54) 2,4-Dinitrophenol	14.686	184	141093	18.151	ng	96
55) Dibenzofuran	14.974	168	1771380	21.881	ng	92
56) 4-Nitrophenol	14.786	139	228924	21.194	ng	96
57) 2,4-Dinitrotoluene	14.932	165	443550	21.064	ng	# 98
58) Fluorene	15.626	166	1483817	21.746	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.197	232	391862	21.919	ng	98
60) Diethylphthalate	15.391	149	1476916	21.937	ng	98
61) 4-Chlorophenyl-phenyle...	15.614	204	743893	20.932	ng	99
62) 4-Nitroaniline	15.643	138	316408	20.661	ng	96
63) Azobenzene	15.908	77	1483955	21.693	ng	98
65) 4,6-Dinitro-2-methylph...	15.696	198	250960	20.464	ng	96
66) n-Nitrosodiphenylamine	15.831	169	1276278	21.252	ng	97
67) 4-Bromophenyl-phenylether	16.513	248	470463	20.062	ng	99
68) Hexachlorobenzene	16.625	284	561598	20.479	ng	98
69) Atrazine	16.777	200	379825	21.155	ng	99
70) Pentachlorophenol	16.971	266	316119	21.121	ng	97
71) Phenanthrene	17.365	178	2373853	22.670	ng	92
72) Anthracene	17.459	178	2392490	22.858	ng	93
73) Carbazole	17.723	167	2286429	22.761	ng	95
74) Di-n-butylphthalate	18.287	149	2506714	23.659	ng	# 95
75) Fluoranthene	19.380	202	2832686	22.335	ng	91
77) Benzidine	19.562	184	842105	24.546	ng	99
78) Pyrene	19.739	202	2946615	23.165	ng	# 88
80) Butylbenzylphthalate	20.632	149	1030740	21.246	ng	99
81) Benzo(a)anthracene	21.566	228	2739692	22.680	ng	91
82) 3,3'-Dichlorobenzidine	21.489	252	905377	21.273	ng	97
83) Chrysene	21.630	228	2602337	22.485	ng	92
84) Bis(2-ethylhexyl)phtha...	21.478	149	1558020	21.478	ng	96
85) Di-n-octyl phthalate	22.670	149	2640706	22.244	ng	98
87) Indeno(1,2,3-cd)pyrene	28.370	276	3141091	20.297	ng	# 93
88) Benzo(b)fluoranthene	23.752	252	2803196	21.615	ng	98
89) Benzo(k)fluoranthene	23.816	252	2712154	21.139	ng	96
90) Benzo(a)pyrene	24.609	252	2491090	21.123	ng	98
91) Dibenzo(a,h)anthracene	28.440	278	2630224	20.793	ng	99
92) Benzo(g,h,i)perylene	29.498	276	2578569	20.071	ng	98

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

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