

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042024\
 Data File : BG060974.D
 Acq On : 20 Apr 2024 19:00
 Operator : MA/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024

Quant Time: Apr 22 04:14:03 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Apr 22 04:10:09 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	17026	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	70062	20.000	ng	# 0.00
39) Acenaphthene-d10	14.570	164	63343	20.000	ng	0.00
64) Phenanthrene-d10	17.314	188	170467	20.000	ng	0.00
76) Chrysene-d12	21.574	240	172882	20.000	ng	0.00
86) Perylene-d12	24.699	264	207774	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	36737	43.645	ng	0.00
7) Phenol-d6	7.108	99	52362	41.927	ng	0.00
23) Nitrobenzene-d5	9.094	82	63153	40.498	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	59252	42.598	ng	0.00
45) 2-Fluorobiphenyl	13.195	172	189268	41.354	ng	0.00
79) Terphenyl-d14	19.940	244	474078	42.565	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.448	88	6187	21.238	ng	93
3) Pyridine	3.836	79	19094	21.205	ng	97
4) n-Nitrosodimethylamine	3.748	42	17417	21.506	ng	# 97
6) Aniline	7.267	93	32871	21.899	ng	96
8) 2-Chlorophenol	7.502	128	21918	20.898	ng	96
9) Benzaldehyde	7.079	77	14629	22.773	ng	95
10) Phenol	7.132	94	26287	21.185	ng	93
11) bis(2-Chloroethyl)ether	7.361	93	19150	21.572	ng	95
12) 1,3-Dichlorobenzene	7.831	146	25943	22.306	ng	92
13) 1,4-Dichlorobenzene	7.978	146	26622	22.222	ng	95
14) 1,2-Dichlorobenzene	8.295	146	24868	21.240	ng	94
15) Benzyl Alcohol	8.172	79	25865	21.935	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.471	45	41495m	21.467	ng	
17) 2-Methylphenol	8.377	107	21532	21.491	ng	99
18) Hexachloroethane	9.024	117	9221	21.361	ng	95
19) n-Nitroso-di-n-propyla...	8.742	70	20652	22.189	ng	90
20) 3+4-Methylphenols	8.706	107	30829	22.002	ng	92
22) Acetophenone	8.759	105	40366	20.633	ng	# 96
24) Nitrobenzene	9.135	77	30340	20.248	ng	95
25) Isophorone	9.658	82	55818	21.389	ng	97
26) 2-Nitrophenol	9.846	139	15225	21.619	ng	91
27) 2,4-Dimethylphenol	9.911	122	23578	20.888	ng	95
28) bis(2-Chloroethoxy)met...	10.140	93	29174	21.251	ng	90
29) 2,4-Dichlorophenol	10.387	162	26096	20.031	ng	95
30) 1,2,4-Trichlorobenzene	10.598	180	29406	20.457	ng	93
31) Naphthalene	10.786	128	76475	19.938	ng	99
32) Benzoic acid	10.011	122	17710m	20.605	ng	
33) 4-Chloroaniline	10.892	127	35787	20.539	ng	99
34) Hexachlorobutadiene	11.074	225	25901	20.489	ng	92
35) Caprolactam	11.638	113	8795	21.195	ng	# 73
36) 4-Chloro-3-methylphenol	12.014	107	31603	20.799	ng	95
37) 2-Methylnaphthalene	12.396	142	62267	20.646	ng	97
38) 1-Methylnaphthalene	12.614	142	58358	20.736	ng	96
40) 1,2,4,5-Tetrachloroben...	12.761	216	46752	20.769	ng	99
41) Hexachlorocyclopentadiene	12.743	237	25387	19.167	ng	96
43) 2,4,6-Trichlorophenol	13.001	196	31022	20.965	ng	95

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44) 2,4,5-Trichlorophenol	13.072	196	36057	20.600	ng	97
46) 1,1'-Biphenyl	13.401	154	89017	20.863	ng	98
47) 2-Chloronaphthalene	13.442	162	67421	20.609	ng	97
48) 2-Nitroaniline	13.642	65	27843	21.088	ng	99
49) Acenaphthylene	14.294	152	114964	20.866	ng	98
50) Dimethylphthalate	14.024	163	107638	20.607	ng	99
51) 2,6-Dinitrotoluene	14.135	165	22691	20.820	ng	97
52) Acenaphthene	14.635	154	71185	21.263	ng	95
53) 3-Nitroaniline	14.464	138	23323	21.702	ng	# 93
54) 2,4-Dinitrophenol	14.670	184	10953	19.917	ng	# 85
55) Dibenzofuran	14.970	168	120579	20.858	ng	98
56) 4-Nitrophenol	14.776	139	16246	21.101	ng	96
57) 2,4-Dinitrotoluene	14.929	165	33145	21.116	ng	99
58) Fluorene	15.616	166	104761	21.470	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.193	232	38062	21.503	ng	99
60) Diethylphthalate	15.393	149	109431	21.274	ng	99
61) 4-Chlorophenyl-phenyle...	15.616	204	63587	21.130	ng	98
62) 4-Nitroaniline	15.628	138	24551	21.187	ng	89
63) Azobenzene	15.904	77	89751	21.451	ng	93
65) 4,6-Dinitro-2-methylph...	15.692	198	20980	19.932	ng	94
66) n-Nitrosodiphenylamine	15.828	169	97963	20.859	ng	97
67) 4-Bromophenyl-phenylether	16.509	248	47725	21.214	ng	99
68) Hexachlorobenzene	16.627	284	52044	20.943	ng	98
69) Atrazine	16.773	200	38095	21.673	ng	90
70) Pentachlorophenol	16.967	266	31605	19.396	ng	96
71) Phenanthrene	17.361	178	182507	20.975	ng	99
72) Anthracene	17.449	178	187224	20.892	ng	99
73) Carbazole	17.714	167	154392	20.745	ng	97
74) Di-n-butylphthalate	18.289	149	190827	21.119	ng	100
75) Fluoranthene	19.370	202	248165	21.491	ng	98
77) Benzidine	19.553	184	67843	21.179	ng	100
78) Pyrene	19.735	202	250077	21.244	ng	99
80) Butylbenzylphthalate	20.634	149	83327	21.238	ng	97
81) Benzo(a)anthracene	21.556	228	254659	20.952	ng	98
82) 3,3'-Dichlorobenzidine	21.474	252	93959	21.390	ng	# 99
83) Chrysene	21.621	228	241055	20.831	ng	99
84) Bis(2-ethylhexyl)phtha...	21.491	149	118975	20.857	ng	99
85) Di-n-octyl phthalate	22.672	149	196633	20.763	ng	99
87) Indeno(1,2,3-cd)pyrene	28.248	276	294103	20.453	ng	99
88) Benzo(b)fluoranthene	23.712	252	239104	20.307	ng	99
89) Benzo(k)fluoranthene	23.777	252	246186	20.694	ng	95
90) Benzo(a)pyrene	24.553	252	234460	20.572	ng	100
91) Dibenzo(a,h)anthracene	28.307	278	241015	20.467	ng	99
92) Benzo(g,h,i)perylene	29.341	276	237271	20.321	ng	96

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

