

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120423\
 Data File : BG059938.D
 Acq On : 4 Dec 2023 19:25
 Operator : MA/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/06/2023

Quant Time: Dec 05 01:45:17 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Dec 05 01:36:25 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	55302	20.000	ng	# 0.00
21) Naphthalene-d8	10.767	136	205965	20.000	ng	# 0.00
39) Acenaphthene-d10	14.597	164	215829	20.000	ng	0.00
64) Phenanthrene-d10	17.347	188	777969	20.000	ng	0.00
76) Chrysene-d12	21.619	240	1134497	20.000	ng	0.00
86) Perylene-d12	24.815	264	1349154	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	112524	45.160	ng	0.00
7) Phenol-d6	7.106	99	186504	48.814	ng	0.00
23) Nitrobenzene-d5	9.121	82	232987	39.169	ng	0.00
42) 2,4,6-Tribromophenol	16.084	330	286634	37.178	ng	0.00
45) 2-Fluorobiphenyl	13.223	172	749386	35.886	ng	0.00
79) Terphenyl-d14	19.968	244	2814919	42.650	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	23732	28.456	ng	95
3) Pyridine	3.828	79	52765	21.831	ng	93
4) n-Nitrosodimethylamine	3.745	42	39464	23.307	ng	# 89
6) Aniline	7.282	93	94012	22.910	ng	98
8) 2-Chlorophenol	7.523	128	56818	22.660	ng	99
9) Benzaldehyde	7.094	77	69199	23.780	ng	97
10) Phenol	7.136	94	91298	23.892	ng	96
11) bis(2-Chloroethyl)ether	7.376	93	66821	27.892	ng	91
12) 1,3-Dichlorobenzene	7.846	146	90390	22.842	ng	93
13) 1,4-Dichlorobenzene	7.993	146	85752m	21.357	ng	
14) 1,2-Dichlorobenzene	8.316	146	85256	20.889	ng	96
15) Benzyl Alcohol	8.187	79	87176	19.762	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.481	45	35064	38.942	ng	# 72
17) 2-Methylphenol	8.393	107	62794	22.955	ng	92
18) Hexachloroethane	9.045	117	32945	19.195	ng	92
19) n-Nitroso-di-n-propyla...	8.769	70	70647	22.841	ng	# 90
20) 3+4-Methylphenols	8.716	107	88164	22.380	ng	90
22) Acetophenone	8.781	105	136739	20.660	ng	# 96
24) Nitrobenzene	9.163	77	120778	20.884	ng	93
25) Isophorone	9.680	82	216110	23.831	ng	# 92
26) 2-Nitrophenol	9.873	139	42016	22.834	ng	# 89
27) 2,4-Dimethylphenol	9.926	122	53912	24.220	ng	82
28) bis(2-Chloroethoxy)met...	10.167	93	97952	25.924	ng	# 96
29) 2,4-Dichlorophenol	10.402	162	109763	20.620	ng	84
30) 1,2,4-Trichlorobenzene	10.626	180	155533	19.274	ng	97
31) Naphthalene	10.814	128	218910	21.106	ng	# 94
32) Benzoic acid	10.009	122	48477	22.902	ng	# 81
33) 4-Chloroaniline	10.919	127	82123	21.110	ng	95
34) Hexachlorobutadiene	11.101	225	172707	18.129	ng	94
35) Caprolactam	11.666	113	20660	21.652	ng	# 67
36) 4-Chloro-3-methylphenol	12.030	107	78324	16.857	ng	96
37) 2-Methylnaphthalene	12.423	142	168706	17.043	ng	97
38) 1-Methylnaphthalene	12.647	142	173945m	18.254	ng	
40) 1,2,4,5-Tetrachloroben...	12.788	216	284268	18.537	ng	97
41) Hexachlorocyclopentadiene	12.770	237	141225	18.689	ng	87
43) 2,4,6-Trichlorophenol	13.023	196	148478	18.690	ng	93

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44) 2,4,5-Trichlorophenol	13.087	196	166743	18.755	ng	93
46) 1,1'-Biphenyl	13.434	154	292308	18.919	ng	98
47) 2-Chloronaphthalene	13.469	162	267144	19.349	ng	95
48) 2-Nitroaniline	13.669	65	48928	17.821	ng	94
49) Acenaphthylene	14.321	152	364592	20.386	ng	97
50) Dimethylphthalate	14.051	163	367415	19.745	ng	# 96
51) 2,6-Dinitrotoluene	14.168	165	82292	20.700	ng	97
52) Acenaphthene	14.662	154	277560	20.704	ng	99
53) 3-Nitroaniline	14.492	138	48774	20.503	ng	98
54) 2,4-Dinitrophenol	14.691	184	71716	21.482	ng	# 83
55) Dibenzofuran	14.997	168	473052	20.053	ng	96
56) 4-Nitrophenol	14.785	139	44639	23.947	ng	# 87
57) 2,4-Dinitrotoluene	14.950	165	114504	19.409	ng	98
58) Fluorene	15.643	166	393785	18.963	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.214	232	208058	19.529	ng	99
60) Diethylphthalate	15.420	149	329662	20.742	ng	100
61) 4-Chlorophenyl-phenyle...	15.643	204	353003	19.180	ng	97
62) 4-Nitroaniline	15.655	138	55625	20.418	ng	# 82
63) Azobenzene	15.931	77	347862	21.408	ng	98
65) 4,6-Dinitro-2-methylph...	15.714	198	120125	20.218	ng	95
66) n-Nitrosodiphenylamine	15.855	169	352731	20.879	ng	93
67) 4-Bromophenyl-phenylether	16.536	248	272077	18.327	ng	97
68) Hexachlorobenzene	16.648	284	307047	18.620	ng	96
69) Atrazine	16.801	200	188187	20.761	ng	97
70) Pentachlorophenol	16.989	266	214838	19.257	ng	96
71) Phenanthrene	17.388	178	757886	20.780	ng	98
72) Anthracene	17.476	178	758523	20.422	ng	98
73) Carbazole	17.747	167	587565	21.502	ng	99
74) Di-n-butylphthalate	18.317	149	502667	22.059	ng	97
75) Fluoranthene	19.403	202	1280603	20.668	ng	99
77) Benzidine	19.586	184	214843	18.472	ng	97
78) Pyrene	19.768	202	1301901	21.230	ng	97
80) Butylbenzylphthalate	20.667	149	177307	21.467	ng	97
81) Benzo(a)anthracene	21.601	228	1615317	21.480	ng	96
82) 3,3'-Dichlorobenzidine	21.519	252	501348	20.407	ng	# 98
83) Chrysene	21.666	228	1519207	21.337	ng	97
84) Bis(2-ethylhexyl)phtha...	21.525	149	262089	21.754	ng	98
85) Di-n-octyl phthalate	22.735	149	453369	21.118	ng	# 99
87) Indeno(1,2,3-cd)pyrene	28.452	276	2042104	20.459	ng	# 99
88) Benzo(b)fluoranthene	23.798	252	1748135	20.274	ng	96
89) Benzo(k)fluoranthene	23.869	252	1678889	20.178	ng	# 98
90) Benzo(a)pyrene	24.668	252	1512219	20.492	ng	# 97
91) Dibenzo(a,h)anthracene	28.528	278	1705224	20.012	ng	99
92) Benzo(g,h,i)perylene	29.592	276	1662041	20.660	ng	98

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

