

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111623\
 Data File : BG059718.D
 Acq On : 16 Nov 2023 14:47
 Operator : MA/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/17/2023

Supervised By :mohammad ahmed 11/19/2023

Quant Time: Nov 16 17:01:49 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Nov 16 16:29:52 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.346	152	24900	20.000	ng	0.00
21) Naphthalene-d8	11.190	136	122688	20.000	ng	# 0.00
39) Acenaphthene-d10	14.974	164	88146	20.000	ng	0.00
64) Phenanthrene-d10	17.724	188	197155	20.000	ng	# 0.00
76) Chrysene-d12	22.054	240	170977	20.000	ng	0.00
86) Perylene-d12	25.632	264	261615	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.832	112	199616	134.932	ng	0.00
7) Phenol-d6	7.459	99	310992	141.857	ng	0.00
23) Nitrobenzene-d5	9.545	82	431945	134.462	ng	0.00
42) 2,4,6-Tribromophenol	16.454	330	116816	116.801	ng	0.00
45) 2-Fluorobiphenyl	13.593	172	825215	126.016	ng	0.00
79) Terphenyl-d14	20.297	244	1443211	124.610	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.675	88	52289m	75.339	ng	
3) Pyridine	4.098	79	107026	55.418	ng	99
4) n-Nitrosodimethylamine	4.022	42	57876	57.325	ng	82
6) Aniline	7.671	93	202288	69.918	ng	97
8) 2-Chlorophenol	7.894	128	106613	66.429	ng	99
9) Benzaldehyde	7.489	77	94526	63.787	ng	91
10) Phenol	7.489	94	156337	69.192	ng	98
11) bis(2-Chloroethyl)ether	7.759	93	93084	66.179	ng	91
12) 1,3-Dichlorobenzene	8.223	146	119500	67.129	ng	88
13) 1,4-Dichlorobenzene	8.382	146	122181	68.166	ng	95
14) 1,2-Dichlorobenzene	8.699	146	116342m	65.409	ng	
15) Benzyl Alcohol	8.581	79	178326	71.332	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.857	45	36924	72.481	ng	# 70
17) 2-Methylphenol	8.763	107	111116	66.767	ng	87
18) Hexachloroethane	9.427	117	54368	71.554	ng	90
19) n-Nitroso-di-n-propyla...	9.157	70	118487	68.632	ng	# 88
20) 3+4-Methylphenols	9.098	107	167305	72.415	ng	95
22) Acetophenone	9.187	105	229925	66.195	ng	94
24) Nitrobenzene	9.592	77	199161	67.316	ng	95
25) Isophorone	10.091	82	345340	64.034	ng	96
26) 2-Nitrophenol	10.297	139	72747	67.068	ng	# 87
27) 2,4-Dimethylphenol	10.315	122	132227	59.956	ng	91
28) bis(2-Chloroethoxy)met...	10.579	93	134568	66.400	ng	92
29) 2,4-Dichlorophenol	10.820	162	120087	63.777	ng	85
30) 1,2,4-Trichlorobenzene	11.037	180	124545	65.448	ng	# 88
31) Naphthalene	11.243	128	381918	61.907	ng	95
32) Benzoic acid	10.450	122	109011m	72.741	ng	
33) 4-Chloroaniline	11.360	127	164085	62.532	ng	92
34) Hexachlorobutadiene	11.466	225	79715	61.550	ng	98
35) Caprolactam	12.165	113	42040m	61.091	ng	
36) 4-Chloro-3-methylphenol	12.424	107	163727	65.382	ng	# 92
37) 2-Methylnaphthalene	12.818	142	321763	61.926	ng	86
38) 1-Methylnaphthalene	13.035	142	280915	58.626	ng	95
40) 1,2,4,5-Tetrachloroben...	13.164	216	144835	60.841	ng	98
41) Hexachlorocyclopentadiene	13.111	237	95053	63.655	ng	87
43) 2,4,6-Trichlorophenol	13.405	196	98043	59.227	ng	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.476	196	112762	57.973	ng	# 84
46) 1,1'-Biphenyl	13.811	154	419687	60.659	ng	99
47) 2-Chloronaphthalene	13.863	162	291983	61.418	ng	92
48) 2-Nitroaniline	14.081	65	109472	64.497	ng	94
49) Acenaphthylene	14.704	152	496670	61.271	ng	97
50) Dimethylphthalate	14.416	163	423099	61.940	ng	98
51) 2,6-Dinitrotoluene	14.557	165	77883	60.101	ng	89
52) Acenaphthene	15.038	154	302492	62.050	ng	95
53) 3-Nitroaniline	14.897	138	89548	59.037	ng	# 77
54) 2,4-Dinitrophenol	15.091	184	59310	61.592	ng	92
55) Dibenzofuran	15.368	168	486381	60.513	ng	96
56) 4-Nitrophenol	15.168	139	69381	59.787	ng	94
57) 2,4-Dinitrotoluene	15.332	165	121254	60.845	ng	92
58) Fluorene	16.014	166	402312	60.247	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.573	232	100159	58.490	ng	96
60) Diethylphthalate	15.755	149	447493	61.083	ng	97
61) 4-Chlorophenyl-phenyle...	15.996	204	211389	61.502	ng	94
62) 4-Nitroaniline	16.061	138	85693	56.370	ng	95
63) Azobenzene	16.296	77	490133	60.204	ng	99
65) 4,6-Dinitro-2-methylph...	16.084	198	72827	60.444	ng	96
66) n-Nitrosodiphenylamine	16.219	169	359986	62.505	ng	96
67) 4-Bromophenyl-phenylether	16.895	248	134522	63.513	ng	96
68) Hexachlorobenzene	16.989	284	125394	63.432	ng	95
69) Atrazine	17.148	200	104016	56.331	ng	92
70) Pentachlorophenol	17.342	266	95633	63.410	ng	# 90
71) Phenanthrene	17.765	178	628214	62.672	ng	99
72) Anthracene	17.859	178	633085	60.786	ng	98
73) Carbazole	18.135	167	538182	59.149	ng	98
74) Di-n-butylphthalate	18.634	149	657966	59.826	ng	100
75) Fluoranthene	19.756	202	731980	60.892	ng	97
77) Benzidine	19.945	184	188881	48.718	ng	99
78) Pyrene	20.121	202	730592	62.821	ng	98
80) Butylbenzylphthalate	20.979	149	295002	61.844	ng	94
81) Benzo(a)anthracene	22.024	228	687372	58.755	ng	95
82) 3,3'-Dichlorobenzidine	21.936	252	257927	59.179	ng	93
83) Chrysene	22.101	228	641770	59.843	ng	96
84) Bis(2-ethylhexyl)phtha...	21.854	149	407514	61.112	ng	97
85) Di-n-octyl phthalate	23.194	149	719624	56.058	ng	99
87) Indeno(1,2,3-cd)pyrene	29.804	276	1270958	64.203	ng	# 83
88) Benzo(b)fluoranthene	24.474	252	747153	52.106	ng	95
89) Benzo(k)fluoranthene	24.551	252	725731	51.204	ng	# 99
90) Benzo(a)pyrene	25.462	252	912722	59.643	ng	100
91) Dibenzo(a,h)anthracene	29.892	278	1067579	63.790	ng	# 96
92) Benzo(g,h,i)perylene	31.137	276	1023705	64.435	ng	99

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

