

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112123\
 Data File : BG059798.D
 Acq On : 21 Nov 2023 19:03
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/23/2023

Supervised By :mohammad ahmed 11/23/2023

Quant Time: Nov 22 00:32:57 2023

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 17 01:51:38 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.336	152	30972	20.000	ng	# 0.00
21) Naphthalene-d8	11.191	136	152539	20.000	ng	# 0.00
39) Acenaphthene-d10	14.969	164	157211	20.000	ng	# 0.00
64) Phenanthrene-d10	17.719	188	335376	20.000	ng	0.00
76) Chrysene-d12	22.055	240	228186	20.000	ng	# 0.00
86) Perylene-d12	25.645	264	276014	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.833	112	130930	71.152	ng	0.00
7) Phenol-d6	7.466	99	211759	77.656	ng	0.00
23) Nitrobenzene-d5	9.546	82	329757	82.563	ng	0.00
42) 2,4,6-Tribromophenol	16.461	330	167513	93.910	ng	0.00
45) 2-Fluorobiphenyl	13.594	172	992700	84.995	ng	0.00
79) Terphenyl-d14	20.292	244	1434375	92.797	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.671	88	28912	33.452	ng	# 93
3) Pyridine	4.088	79	86989	36.850	ng	# 87
4) n-Nitrosodimethylamine	4.017	42	44836	35.703	ng	# 56
6) Aniline	7.666	93	138538	38.496	ng	97
8) 2-Chlorophenol	7.895	128	81765	40.959	ng	86
9) Benzaldehyde	7.484	77	74097	40.199	ng	99
10) Phenol	7.490	94	108627	38.651	ng	90
11) bis(2-Chloroethyl)ether	7.754	93	66067	37.763	ng	94
12) 1,3-Dichlorobenzene	8.218	146	86609	39.059	ng	95
13) 1,4-Dichlorobenzene	8.377	146	85312	38.313	ng	95
14) 1,2-Dichlorobenzene	8.694	146	91809m	41.500	ng	
15) Benzyl Alcohol	8.582	79	134945	43.396	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.859	45	26665	41.426	ng	90
17) 2-Methylphenol	8.770	107	91884	44.387	ng	93
18) Hexachloroethane	9.423	117	37276	39.441	ng	89
19) n-Nitroso-di-n-propyla...	9.146	70	95762	44.595	ng	97
20) 3+4-Methylphenols	9.099	107	128849	44.836	ng	96
22) Acetophenone	9.188	105	179138	41.481	ng	97
24) Nitrobenzene	9.587	77	150144	40.817	ng	94
25) Isophorone	10.092	82	257162	38.353	ng	98
26) 2-Nitrophenol	10.292	139	56805	42.122	ng	89
27) 2,4-Dimethylphenol	10.322	122	102368	37.333	ng	97
28) bis(2-Chloroethoxy)met...	10.568	93	104001	41.275	ng	# 90
29) 2,4-Dichlorophenol	10.815	162	95795	40.920	ng	92
30) 1,2,4-Trichlorobenzene	11.032	180	100872	42.635	ng	96
31) Naphthalene	11.244	128	318104	41.472	ng	# 95
32) Benzoic acid	10.439	122	79085	42.381	ng	88
33) 4-Chloroaniline	11.356	127	140227	42.982	ng	95
34) Hexachlorobutadiene	11.461	225	70334	43.679	ng	96
35) Caprolactam	12.161	113	33398	39.035	ng	92
36) 4-Chloro-3-methylphenol	12.431	107	133217	42.788	ng	# 93
37) 2-Methylnaphthalene	12.819	142	250402	38.761	ng	90
38) 1-Methylnaphthalene	13.036	142	229738	38.563	ng	89
40) 1,2,4,5-Tetrachloroben...	13.159	216	121206	28.548	ng	99
41) Hexachlorocyclopentadiene	13.112	237	77019	28.919	ng	85
43) 2,4,6-Trichlorophenol	13.406	196	117876	39.925	ng	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.477	196	147406	42.491	ng	# 86
46) 1,1'-Biphenyl	13.806	154	513891	41.645	ng	96
47) 2-Chloronaphthalene	13.864	162	356968	42.101	ng	94
48) 2-Nitroaniline	14.082	65	143191	47.301	ng	95
49) Acenaphthylene	14.705	152	590188	40.823	ng	96
50) Dimethylphthalate	14.417	163	517152	42.449	ng	99
51) 2,6-Dinitrotoluene	14.558	165	99257	42.946	ng	93
52) Acenaphthene	15.034	154	358936	41.282	ng	96
53) 3-Nitroaniline	14.899	138	112450	41.567	ng	95
54) 2,4-Dinitrophenol	15.092	184	71404	41.576	ng	# 72
55) Dibenzofuran	15.369	168	603732	42.115	ng	89
56) 4-Nitrophenol	15.175	139	83908	40.540	ng	92
57) 2,4-Dinitrotoluene	15.339	165	152699	42.962	ng	# 94
58) Fluorene	16.015	166	496335	41.674	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.574	232	121614	39.880	ng	96
60) Diethylphthalate	15.756	149	561317	42.959	ng	97
61) 4-Chlorophenyl-phenyle...	15.997	204	264986	43.227	ng	93
62) 4-Nitroaniline	16.062	138	98784	36.434	ng	# 83
63) Azobenzene	16.291	77	595370	41.003	ng	94
65) 4,6-Dinitro-2-methylph...	16.091	198	91232	44.513	ng	91
66) n-Nitrosodiphenylamine	16.215	169	448782	45.808	ng	98
67) 4-Bromophenyl-phenylether	16.890	248	170643	47.362	ng	97
68) Hexachlorobenzene	16.990	284	166036	49.375	ng	91
69) Atrazine	17.149	200	139969	44.561	ng	89
70) Pentachlorophenol	17.343	266	110631	43.122	ng	90
71) Phenanthrene	17.766	178	735362	43.127	ng	98
72) Anthracene	17.854	178	770915	43.514	ng	96
73) Carbazole	18.130	167	638510	41.254	ng	99
74) Di-n-butylphthalate	18.629	149	768242	41.064	ng	98
75) Fluoranthene	19.758	202	711524	34.796	ng	99
77) Benzidine	19.940	184	193339	37.365	ng	95
78) Pyrene	20.122	202	681462	43.893	ng	100
80) Butylbenzylphthalate	20.974	149	283244	44.492	ng	96
81) Benzo(a)anthracene	22.025	228	649770	41.617	ng	96
82) 3,3'-Dichlorobenzidine	21.937	252	240922	41.419	ng	90
83) Chrysene	22.102	228	600857	41.981	ng	96
84) Bis(2-ethylhexyl)phtha...	21.849	149	386971	43.482	ng	# 99
85) Di-n-octyl phthalate	23.183	149	657532	38.379	ng	# 89
87) Indeno(1,2,3-cd)pyrene	29.822	276	823651	39.437	ng	# 96
88) Benzo(b)fluoranthene	24.476	252	654567	43.268	ng	97
89) Benzo(k)fluoranthene	24.558	252	671702	44.912	ng	99
90) Benzo(a)pyrene	25.474	252	633452	39.234	ng	# 98
91) Dibenzo(a,h)anthracene	29.899	278	720599	40.782	ng	# 91
92) Benzo(g,h,i)perylene	31.156	276	654518	39.039	ng	96

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

