

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111622\
 Data File : BG055653.D
 Acq On : 16 Nov 2022 19:00
 Operator : CG/JU
 Sample : N5607-13MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SB-40BMSD

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/17/2022

Supervised By :mohammad ahmed 11/17/2022

Quant Time: Nov 17 02:12:31 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Nov 17 02:02:46 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.252	152	41518	20.000	ng	0.00
21) Naphthalene-d8	11.084	136	181045	20.000	ng	0.00
39) Acenaphthene-d10	14.874	164	135283	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	300004	20.000	ng	0.00
76) Chrysene-d12	21.913	240	288784	20.000	ng	0.00
86) Perylene-d12	25.326	264	306483	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.778	112	301791	131.387	ng	0.00
7) Phenol-d6	7.394	99	404870	132.413	ng	0.00
23) Nitrobenzene-d5	9.427	82	244099	71.263	ng	0.00
42) 2,4,6-Tribromophenol	16.354	330	212712	111.662	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	629370	69.697	ng	0.00
79) Terphenyl-d14	20.203	244	1001485	69.363	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.616	88	40884	41.650	ng	96
3) Pyridine	4.028	79	114281	37.950	ng	100
4) n-Nitrosodimethylamine	3.939	42	70316	44.104	ng	93
6) Aniline	7.565	93	91521	23.831	ng	97
8) 2-Chlorophenol	7.811	128	138166	52.618	ng	97
9) Benzaldehyde	7.377	77	78792	37.944	ng	98
10) Phenol	7.418	94	180405	52.695	ng	99
11) bis(2-Chloroethyl)ether	7.659	93	122095	46.536	ng	98
12) 1,3-Dichlorobenzene	8.140	146	140622	45.549	ng	98
13) 1,4-Dichlorobenzene	8.287	146	141377	45.318	ng	99
14) 1,2-Dichlorobenzene	8.610	146	139429	46.640	ng	96
15) Benzyl Alcohol	8.487	79	129339m	52.049	ng	
16) 2,2'-oxybis(1-Chloropr...	8.775	45	220980	46.526	ng	99
17) 2-Methylphenol	8.687	107	127230	52.344	ng	97
18) Hexachloroethane	9.351	117	49051	45.683	ng	96
19) n-Nitroso-di-n-propyla...	9.057	70	109052	46.419	ng	98
20) 3+4-Methylphenols	9.016	107	176047	51.849	ng	99
22) Acetophenone	9.081	105	209300	44.490	ng	99
24) Nitrobenzene	9.468	77	155465	43.452	ng	99
25) Isophorone	9.991	82	302486	46.607	ng	99
26) 2-Nitrophenol	10.185	139	79442	48.098	ng	95
27) 2,4-Dimethylphenol	10.232	122	145696	57.960	ng	98
28) bis(2-Chloroethoxy)met...	10.467	93	174479	50.077	ng	99
29) 2,4-Dichlorophenol	10.720	162	151822	50.460	ng	100
30) 1,2,4-Trichlorobenzene	10.937	180	150219	42.975	ng	99
31) Naphthalene	11.131	128	424696	43.394	ng	99
32) Benzoic acid	10.361	122	108997	52.703	ng	96
33) 4-Chloroaniline	11.231	127	70588	17.484	ng	99
34) Hexachlorobutadiene	11.413	225	99801	41.813	ng	95
35) Caprolactam	12.006	113	49096m	47.154	ng	
36) 4-Chloro-3-methylphenol	12.330	107	166305	50.290	ng	96
37) 2-Methylnaphthalene	12.717	142	325777	44.457	ng	99
38) 1-Methylnaphthalene	12.935	142	307917	43.284	ng	99
40) 1,2,4,5-Tetrachloroben...	13.082	216	187031	43.994	ng	99
41) Hexachlorocyclopentadiene	13.058	237	233954	109.187	ng	99
43) 2,4,6-Trichlorophenol	13.311	196	134681	46.442	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.387	196	146133	45.854	ng	98
46) 1,1'-Biphenyl	13.710	154	445837	45.225	ng	98
47) 2-Chloronaphthalene	13.763	162	339695	44.332	ng	99
48) 2-Nitroaniline	13.951	65	112213	44.542	ng	97
49) Acenaphthylene	14.603	152	551478	43.706	ng	99
50) Dimethylphthalate	14.316	163	454296	42.126	ng	99
51) 2,6-Dinitrotoluene	14.439	165	100115	45.403	ng	98
52) Acenaphthene	14.938	154	403717	48.955	ng	97
53) 3-Nitroaniline	14.768	138	52217	21.572	ng	95
54) 2,4-Dinitrophenol	14.974	184	123063	97.068	ng	97
55) Dibenzofuran	15.273	168	550859	43.300	ng	99
56) 4-Nitrophenol	15.068	139	168688	88.792	ng	100
57) 2,4-Dinitrotoluene	15.220	165	137083	44.094	ng	99
58) Fluorene	15.920	166	428630	42.184	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.491	232	131508	42.587	ng	97
60) Diethylphthalate	15.673	149	453377	41.582	ng	99
61) 4-Chlorophenyl-phenyle...	15.902	204	240496	43.058	ng	98
62) 4-Nitroaniline	15.931	138	98361	38.873	ng	98
63) Azobenzene	16.196	77	403398	42.379	ng	99
65) 4,6-Dinitro-2-methylph...	15.984	198	79429	47.415	ng	97
66) n-Nitrosodiphenylamine	16.113	169	384223	46.472	ng	99
67) 4-Bromophenyl-phenylether	16.795	248	157078	45.953	ng	98
68) Hexachlorobenzene	16.918	284	172388	45.482	ng	99
69) Atrazine	17.054	200	154415	47.223	ng	99
70) Pentachlorophenol	17.259	266	216914	93.554	ng	99
71) Phenanthrene	17.659	178	690447	42.648	ng	100
72) Anthracene	17.753	178	708569	45.046	ng	98
73) Carbazole	18.011	167	623974	44.125	ng	99
74) Di-n-butylphthalate	18.552	149	747199	42.553	ng	99
75) Fluoranthene	19.656	202	798195	40.526	ng	99
77) Benzidine	19.827	184	212597	31.822	ng	98
78) Pyrene	20.015	202	815307	41.710	ng	99
80) Butylbenzylphthalate	20.884	149	336057	43.916	ng	100
81) Benzo(a)anthracene	21.895	228	843423	42.404	ng	99
82) 3,3'-Dichlorobenzidine	21.795	252	148658	21.270	ng	97
83) Chrysene	21.965	228	791129	41.780	ng	99
84) Bis(2-ethylhexyl)phtha...	21.772	149	490486	44.600	ng	99
85) Di-n-octyl phthalate	23.052	149	838705	44.564	ng	100
87) Indeno(1,2,3-cd)pyrene	29.257	276	1016947	40.503	ng	# 94
88) Benzo(b)fluoranthene	24.239	252	892996	44.740	ng	99
89) Benzo(k)fluoranthene	24.316	252	862459	43.348	ng	99
90) Benzo(a)pyrene	25.168	252	788736	46.049	ng	100
91) Dibenzo(a,h)anthracene	29.327	278	863642	42.093	ng	98
92) Benzo(g,h,i)perylene	30.502	276	848744	41.043	ng	99

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

