

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111623\
 Data File : BG059722.D
 Acq On : 16 Nov 2023 17:35
 Operator : MA/JU
 Sample : PB157140BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB157140BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/17/2023

Supervised By :mohammad ahmed 11/19/2023

Quant Time: Nov 17 02:32:27 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	8.340	152	21090	20.000	ng	0.00
21) Naphthalene-d8	11.184	136	103966	20.000	ng	# 0.00
39) Acenaphthene-d10	14.974	164	79180	20.000	ng	0.00
64) Phenanthrene-d10	17.723	188	188568	20.000	ng	0.00
76) Chrysene-d12	22.048	240	247840	20.000	ng	0.00
86) Perylene-d12	25.632	264	275996	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.826	112	187764	149.850	ng	0.00
7) Phenol-d6	7.459	99	268962	144.849	ng	0.00
23) Nitrobenzene-d5	9.539	82	211465	77.682	ng	0.00
42) 2,4,6-Tribromophenol	16.454	330	126908	141.261	ng	0.00
45) 2-Fluorobiphenyl	13.593	172	465647	79.159	ng	0.00
79) Terphenyl-d14	20.297	244	905117	53.913	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.663	88	22890	38.894	ng	# 85
3) Pyridine	4.081	79	61831	38.466	ng	# 87
4) n-Nitrosodimethylamine	4.010	42	55400	64.785	ng	# 82
6) Aniline	7.665	93	72480	29.577	ng	97
8) 2-Chlorophenol	7.888	128	66581	48.980	ng	90
9) Benzaldehyde	7.483	77	10152	8.088	ng	# 73
10) Phenol	7.488	94	95487	49.896	ng	91
11) bis(2-Chloroethyl)ether	7.753	93	48277	40.524	ng	97
12) 1,3-Dichlorobenzene	8.217	146	65800	43.579	ng	92
13) 1,4-Dichlorobenzene	8.376	146	68383	45.100	ng	95
14) 1,2-Dichlorobenzene	8.376	146	68383	45.394	ng	94
15) Benzyl Alcohol	8.575	79	99731	47.100	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.840	45	20242m	46.182	ng	
17) 2-Methylphenol	8.763	107	62102	44.057	ng	91
18) Hexachloroethane	9.433	117	29093	45.206	ng	86
19) n-Nitroso-di-n-propyla...	9.145	70	59915	40.975	ng	# 93
20) 3+4-Methylphenols	9.092	107	87685	44.809	ng	96
22) Acetophenone	9.181	105	119601	40.633	ng	95
24) Nitrobenzene	9.586	77	105875	42.230	ng	97
25) Isophorone	10.085	82	179688	39.318	ng	99
26) 2-Nitrophenol	10.291	139	39237	42.688	ng	96
27) 2,4-Dimethylphenol	10.315	122	76609	40.992	ng	97
28) bis(2-Chloroethoxy)met...	10.573	93	74325	43.279	ng	# 88
29) 2,4-Dichlorophenol	10.814	162	76297	47.818	ng	90
30) 1,2,4-Trichlorobenzene	11.031	180	74087	45.944	ng	92
31) Naphthalene	11.237	128	218308	41.759	ng	98
32) Benzoic acid	10.432	122	51597	40.568	ng	# 67
33) 4-Chloroaniline	11.354	127	58185	26.167	ng	98
34) Hexachlorobutadiene	11.466	225	47535	43.313	ng	94
35) Caprolactam	12.148	113	23831m	40.866	ng	
36) 4-Chloro-3-methylphenol	12.424	107	102501	48.303	ng	# 93
37) 2-Methylnaphthalene	12.817	142	180119	40.908	ng	# 84
38) 1-Methylnaphthalene	13.035	142	168553	41.511	ng	96
40) 1,2,4,5-Tetrachloroben...	13.158	216	89875	42.029	ng	99
41) Hexachlorocyclopentadiene	13.111	237	125034	93.215	ng	97
43) 2,4,6-Trichlorophenol	13.405	196	70443	47.372	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.476	196	73678	42.168	ng	# 85
46) 1,1'-Biphenyl	13.805	154	257752	41.473	ng	99
47) 2-Chloronaphthalene	13.863	162	191035	44.734	ng	99
48) 2-Nitroaniline	14.075	65	72823	47.763	ng	91
49) Acenaphthylene	14.703	152	316018	43.400	ng	# 92
50) Dimethylphthalate	14.416	163	269667	43.948	ng	# 98
51) 2,6-Dinitrotoluene	14.557	165	55231	47.447	ng	96
52) Acenaphthene	15.033	154	183734	41.957	ng	95
53) 3-Nitroaniline	14.897	138	42364	31.092	ng	# 89
54) 2,4-Dinitrophenol	15.091	184	79608	92.033	ng	# 71
55) Dibenzofuran	15.367	168	311955	43.207	ng	# 86
56) 4-Nitrophenol	15.168	139	92891	89.110	ng	# 74
57) 2,4-Dinitrotoluene	15.332	165	75789	42.337	ng	85
58) Fluorene	16.014	166	279541	46.602	ng	90
59) 2,3,4,6-Tetrachlorophenol	15.573	232	69177m	45.040	ng	
60) Diethylphthalate	15.755	149	305032	46.351	ng	97
61) 4-Chlorophenyl-phenyle...	15.996	204	142212	46.061	ng	99
62) 4-Nitroaniline	16.061	138	52481	38.432	ng	# 88
63) Azobenzene	16.290	77	335970	45.940	ng	94
65) 4,6-Dinitro-2-methylph...	16.078	198	48418	42.015	ng	94
66) n-Nitrosodiphenylamine	16.213	169	248137	45.047	ng	99
67) 4-Bromophenyl-phenylether	16.895	248	95999	47.389	ng	99
68) Hexachlorobenzene	16.983	284	92755	49.058	ng	98
69) Atrazine	17.148	200	98532	55.791	ng	96
70) Pentachlorophenol	17.342	266	106055	73.523	ng	96
71) Phenanthrene	17.765	178	426420	44.478	ng	95
72) Anthracene	17.853	178	435665	43.736	ng	97
73) Carbazole	18.129	167	386957	44.466	ng	97
74) Di-n-butylphthalate	18.634	149	475339	45.188	ng	98
75) Fluoranthene	19.756	202	481959	41.919	ng	99
77) Benzidine	19.944	184	88282	15.709	ng	96
78) Pyrene	20.115	202	475230	28.182	ng	98
80) Butylbenzylphthalate	20.973	149	292643	42.323	ng	91
81) Benzo(a)anthracene	22.024	228	706927	41.687	ng	95
82) 3,3'-Dichlorobenzidine	21.936	252	231465	36.637	ng	90
83) Chrysene	22.101	228	630663	40.570	ng	95
84) Bis(2-ethylhexyl)phtha...	21.854	149	420233	43.475	ng	# 98
85) Di-n-octyl phthalate	23.188	149	729138	39.184	ng	97
87) Indeno(1,2,3-cd)pyrene	29.786	276	974606m	46.668	ng	
88) Benzo(b)fluoranthene	24.468	252	822307	54.360	ng	# 99
89) Benzo(k)fluoranthene	24.551	252	771228	51.569	ng	95
90) Benzo(a)pyrene	25.456	252	716703	44.393	ng	96
91) Dibenzo(a,h)anthracene	29.874	278	809324	45.806	ng	# 89
92) Benzo(g,h,i)perylene	31.108	276	753584	44.951	ng	# 99

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

