

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
 Data File : BG054376.D
 Acq On : 25 Jul 2022 12:21
 Operator : CG/JU
 Sample : PB146375BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB146375BS

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 07/26/2022
 Supervised By : Jagrut Upadhyay 07/26/2022

Quant Time: Jul 26 00:54:15 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 15 15:54:11 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.989	152	18124	20.000	ng	-0.01
21) Naphthalene-d8	10.798	136	70711	20.000	ng	#-0.01
39) Acenaphthene-d10	14.629	164	56969	20.000	ng	0.00
64) Phenanthrene-d10	17.372	188	163073	20.000	ng	# 0.00
76) Chrysene-d12	21.638	240	183493	20.000	ng	# 0.00
86) Perylene-d12	24.834	264	194728	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	117048	134.839	ng	0.00
7) Phenol-d6	7.173	99	154603	129.978	ng	0.00
23) Nitrobenzene-d5	9.153	82	101436	78.119	ng	-0.01
42) 2,4,6-Tribromophenol	16.121	330	159135	133.041	ng	0.00
45) 2-Fluorobiphenyl	13.248	172	313773	77.698	ng	-0.01
79) Terphenyl-d14	19.981	244	826284	89.332	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.412	88	9692	28.065	ng	# 96
3) Pyridine	3.818	79	26537	30.291	ng	94
4) n-Nitrosodimethylamine	3.730	42	22311	45.546	ng	# 80
6) Aniline	7.314	93	58657	42.723	ng	96
8) 2-Chlorophenol	7.560	128	46739	46.853	ng	89
9) Benzaldehyde	7.120	77	23740	38.752	ng	83
10) Phenol	7.202	94	55473	46.940	ng	98
11) bis(2-Chloroethyl)ether	7.402	93	37475	43.492	ng	94
12) 1,3-Dichlorobenzene	7.878	146	51819m	42.633	ng	
13) 1,4-Dichlorobenzene	8.025	146	53925	42.962	ng	98
14) 1,2-Dichlorobenzene	8.348	146	52271	44.161	ng	96
15) Benzyl Alcohol	8.230	79	46070m	47.093	ng	
16) 2,2'-oxybis(1-Chloropr...	8.512	45	47799	44.046	ng	91
17) 2-Methylphenol	8.448	107	39281	46.116	ng	96
18) Hexachloroethane	9.076	117	18560	44.657	ng	# 64
19) n-Nitroso-di-n-propyla...	8.794	70	33724	42.458	ng	94
20) 3+4-Methylphenols	8.777	107	51934	43.272	ng	97
22) Acetophenone	8.812	105	71140	41.830	ng	# 97
24) Nitrobenzene	9.194	77	51611	40.671	ng	# 89
25) Isophorone	9.723	82	96276	42.633	ng	# 93
26) 2-Nitrophenol	9.911	139	26664	41.686	ng	92
27) 2,4-Dimethylphenol	9.981	122	43381	49.095	ng	92
28) bis(2-Chloroethoxy)met...	10.198	93	51412	45.139	ng	# 98
29) 2,4-Dichlorophenol	10.463	162	57148	42.847	ng	89
30) 1,2,4-Trichlorobenzene	10.663	180	66929	40.518	ng	# 94
31) Naphthalene	10.851	128	141886	39.973	ng	99
32) Benzoic acid	10.146	122	16106	46.254	ng	# 82
33) 4-Chloroaniline	10.962	127	56032	38.818	ng	94
34) Hexachlorobutadiene	11.133	225	58033	39.754	ng	99
35) Caprolactam	11.732	113	16564m	49.323	ng	
36) 4-Chloro-3-methylphenol	12.096	107	54351	44.793	ng	90
37) 2-Methylnaphthalene	12.455	142	110170	40.417	ng	99
38) 1-Methylnaphthalene	12.678	142	105456	39.704	ng	97
40) 1,2,4,5-Tetrachloroben...	12.825	216	102032	40.880	ng	# 95
41) Hexachlorocyclopentadiene	12.807	237	61478	76.286	ng	97
43) 2,4,6-Trichlorophenol	13.072	196	59220	43.576	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
 Data File : BG054376.D
 Acq On : 25 Jul 2022 12:21
 Operator : CG/JU
 Sample : PB146375BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146375BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/26/2022
 Supervised By : Jagrut Upadhyay 07/26/2022

Quant Time: Jul 26 00:54:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.154	196	63768	41.529	ng	# 92
46) 1,1'-Biphenyl	13.459	154	162214	41.621	ng	97
47) 2-Chloronaphthalene	13.506	162	134819	41.334	ng	94
48) 2-Nitroaniline	13.706	65	38335	45.035	ng	90
49) Acenaphthylene	14.352	152	203279	41.943	ng	100
50) Dimethylphthalate	14.076	163	189405	42.564	ng	# 99
51) 2,6-Dinitrotoluene	14.200	165	42731	43.781	ng	# 76
52) Acenaphthene	14.693	154	123042	41.925	ng	97
53) 3-Nitroaniline	14.535	138	31794	38.949	ng	88
54) 2,4-Dinitrophenol	14.752	184	50268	88.012	ng	# 81
55) Dibenzofuran	15.028	168	220165	42.162	ng	95
56) 4-Nitrophenol	14.875	139	51687	94.907	ng	96
57) 2,4-Dinitrotoluene	14.993	165	64873	46.364	ng	# 84
58) Fluorene	15.674	166	184247	42.914	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.263	232	64468	43.124	ng	# 85
60) Diethylphthalate	15.439	149	188886	44.248	ng	95
61) 4-Chlorophenyl-phenyle...	15.663	204	123301	43.751	ng	# 87
62) 4-Nitroaniline	15.698	138	38553	44.955	ng	86
63) Azobenzene	15.956	77	134460	43.594	ng	83
65) 4,6-Dinitro-2-methylph...	15.768	198	41440	41.132	ng	74
66) n-Nitrosodiphenylamine	15.880	169	172271	42.312	ng	96
67) 4-Bromophenyl-phenylether	16.556	248	95864	41.857	ng	# 91
68) Hexachlorobenzene	16.685	284	110566	42.215	ng	# 91
69) Atrazine	16.826	200	90728	50.077	ng	93
70) Pentachlorophenol	17.032	266	91273	80.329	ng	93
71) Phenanthrene	17.414	178	338761	41.715	ng	98
72) Anthracene	17.508	178	344724	43.257	ng	99
73) Carbazole	17.772	167	296362	45.170	ng	99
74) Di-n-butylphthalate	18.324	149	340925	44.033	ng	99
75) Fluoranthene	19.429	202	474440	42.857	ng	96
77) Benzidine	19.599	184	249516	75.083	ng	98
78) Pyrene	19.787	202	471495	44.782	ng	98
80) Butylbenzylphthalate	20.663	149	142039	43.290	ng	# 86
81) Benzo(a)anthracene	21.620	228	496688	42.641	ng	98
82) 3,3'-Dichlorobenzidine	21.526	252	143080	39.497	ng	# 96
83) Chrysene	21.685	228	464812	42.238	ng	98
84) Bis(2-ethylhexyl)phtha...	21.515	149	200746	43.239	ng	# 92
85) Di-n-octyl phthalate	22.713	149	335351	42.340	ng	# 93
87) Indeno(1,2,3-cd)pyrene	28.506	276	615258	41.533	ng	# 98
88) Benzo(b)fluoranthene	23.824	252	520657	45.212	ng	# 97
89) Benzo(k)fluoranthene	23.888	252	510211	44.517	ng	# 97
90) Benzo(a)pyrene	24.687	252	461135	46.888	ng	# 98
91) Dibenzo(a,h)anthracene	28.565	278	539910	44.323	ng	# 95
92) Benzo(g,h,i)perylene	29.658	276	530975	44.165	ng	# 92

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

