Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101421\
Data File : BG050588.D
Acq On : 14 Oct 2021 14:49
Operator : CG/JU
Sample : PB139823BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB139823BSD

Manual Integrations APPROVED
mohammad
10/18/2021 8:35:36 AM

Quant Time: Oct 14 15:49:41 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.255	152	45311	20.00	ng		0.00
21) Naphthalene-d8	11.081	136	191241	20.00	ng		# 0.00
39) Acenaphthene-d10	14.877	164	128003	20.00	ng		0.00
64) Phenanthrene-d10	17.621	188	281262	20.00	ng		# 0.00
76) Chrysene-d12	21.922	240	239506	20.00	ng		# 0.00
86) Perylene-d12	25.335	264	239466	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.799	112	402811	132.95	ng		0.00
7) Phenol-d6	7.403	99	539339	122.95	ng		0.00
23) Nitrobenzene-d5	9.430	82	374856	81.14	ng		0.00
42) 2,4,6-Tribromophenol	16.363	330	150217	123.04	ng		0.00
45) 2-Fluorobiphenyl	13.502	172	675694	79.45	ng		0.00
79) Terphenyl-d14	20.206	244	1044898	85.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.655	88	46242	29.47	ng		90
3) Pyridine	4.060	79	113200	26.41	ng	#	92
4) n-Nitrosodimethylamine	3.978	42	81567	40.38	ng	#	51
6) Aniline	7.580	93	210750	41.35	ng		93
8) 2-Chlorophenol	7.820	128	136681	46.85	ng		89
9) Benzaldehyde	7.392	77	112378	40.72	ng		90
10) Phenol	7.433	94	192692	45.18	ng		85
11) bis(2-Chloroethyl)ether	7.668	93	139071	41.78	ng		85
12) 1,3-Dichlorobenzene	8.149	146	138961	41.27	ng		93
13) 1,4-Dichlorobenzene	8.296	146	140127	41.28	ng		95
14) 1,2-Dichlorobenzene	8.614	146	137097	42.28	ng		97
15) Benzyl Alcohol	8.490	79	157626	45.47	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.784	45	231877	42.71	ng		85
17) 2-Methylphenol	8.690	107	127605	45.47	ng		91
18) Hexachloroethane	9.354	117	53922	41.97	ng		93
19) n-Nitroso-di-n-propyla...	9.060	70	134015	41.92	ng	#	90
20) 3+4-Methylphenols	9.019	107	178096	45.09	ng		94
22) Acetophenone	9.084	105	221230	40.69	ng	#	97
24) Nitrobenzene	9.471	77	193255	42.07	ng		94
25) Isophorone	9.994	82	343718	41.95	ng	#	95
26) 2-Nitrophenol	10.188	139	76132	45.14	ng	#	93
27) 2,4-Dimethylphenol	10.235	122	141184	48.45	ng		91
28) bis(2-Chloroethoxy)met...	10.470	93	190914	40.75	ng		93
29) 2,4-Dichlorophenol	10.723	162	134858	45.40	ng		97
30) 1,2,4-Trichlorobenzene	10.940	180	137249	40.68	ng		95
31) Naphthalene	11.134	128	428732	41.88	ng		98
32) Benzoic acid	10.370	122	81669	37.76	ng	#	77
33) 4-Chloroaniline	11.234	127	145895	33.97	ng		96
34) Hexachlorobutadiene	11.404	225	83827	39.57	ng		96
35) Caprolactam	12.010	113	51992m	45.74	ng		
36) 4-Chloro-3-methylphenol	12.339	107	164508	44.31	ng	#	91
37) 2-Methylnaphthalene	12.721	142	303393	42.96	ng		94
38) 1-Methylnaphthalene	12.938	142	282867	41.30	ng		95
40) 1,2,4,5-Tetrachloroben...	13.079	216	151133	39.98	ng		96
41) Hexachlorocyclopentadiene	13.055	237	195441	89.46	ng		90
43) 2,4,6-Trichlorophenol	13.314	196	110904	41.64	ng		97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101421\
Data File : BG050588.D
Acq On : 14 Oct 2021 14:49
Operator : CG/JU
Sample : PB139823BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB139823BSD

Manual Integrations APPROVED
mohammad
10/18/2021 8:35:36 AM

Quant Time: Oct 14 15:49:41 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.384	196	120957	43.43	ng		90
46) 1,1'-Biphenyl	13.714	154	373483	40.00	ng		95
47) 2-Chloronaphthalene	13.761	162	297461	41.49	ng		99
48) 2-Nitroaniline	13.960	65	127257	44.62	ng		95
49) Acenaphthylene	14.607	152	493190	41.99	ng		97
50) Dimethylphthalate	14.325	163	404422	41.80	ng		99
51) 2,6-Dinitrotoluene	14.448	165	88902	45.88	ng		88
52) Acenaphthene	14.942	154	347434m	46.03	ng		
53) 3-Nitroaniline	14.777	138	81840	35.70	ng		90
54) 2,4-Dinitrophenol	14.983	184	96672	80.41	ng		91
55) Dibenzofuran	15.276	168	467656	40.06	ng		98
56) 4-Nitrophenol	15.077	139	156930	85.11	ng	#	83
57) 2,4-Dinitrotoluene	15.229	165	127134	46.54	ng		92
58) Fluorene	15.923	166	372239	41.51	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.494	232	97988	40.39	ng		93
60) Diethylphthalate	15.676	149	427542	42.06	ng		97
61) 4-Chlorophenyl-phenyle...	15.905	204	197983	40.35	ng		98
62) 4-Nitroaniline	15.940	138	98556	41.32	ng	#	67
63) Azobenzene	16.199	77	477721	40.60	ng		83
65) 4,6-Dinitro-2-methylph...	15.993	198	67959	40.23	ng		91
66) n-Nitrosodiphenylamine	16.122	169	340200	42.57	ng		97
67) 4-Bromophenyl-phenylether	16.804	248	119380	42.12	ng		98
68) Hexachlorobenzene	16.922	284	122122	43.35	ng	#	94
69) Atrazine	17.063	200	138361	43.95	ng		96
70) Pentachlorophenol	17.262	266	153207	79.90	ng		98
71) Phenanthrene	17.668	178	629479	42.47	ng		98
72) Anthracene	17.756	178	638575	43.36	ng		98
73) Carbazole	18.020	167	588030	40.06	ng		98
74) Di-n-butylphthalate	18.555	149	736675	42.76	ng	#	97
75) Fluoranthene	19.660	202	752761	41.32	ng		96
77) Benzidine	19.836	184	436824	56.27	ng		98
78) Pyrene	20.024	202	743814	43.77	ng		97
80) Butylbenzylphthalate	20.887	149	323100	44.95	ng		91
81) Benzo(a)anthracene	21.904	228	667389	42.11	ng		99
82) 3,3'-Dichlorobenzidine	21.810	252	202440	38.54	ng	#	98
83) Chrysene	21.974	228	632858	42.45	ng		95
84) Bis(2-ethylhexyl)phtha...	21.775	149	466835	45.71	ng	#	95
85) Di-n-octyl phthalate	23.056	149	790134	46.39	ng		96
87) Indeno(1,2,3-cd)pyrene	29.260	276	744187	44.62	ng	#	89
88) Benzo(b)fluoranthene	24.248	252	691964	47.18	ng	#	93
89) Benzo(k)fluoranthene	24.319	252	637020	44.15	ng	#	97
90) Benzo(a)pyrene	25.177	252	661619	53.06	ng	#	95
91) Dibenzo(a,h)anthracene	29.336	278	624928	45.30	ng	#	93
92) Benzo(g,h,i)perylene	30.506	276	615806	45.58	ng	#	89

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101421\
Data File : BG050588.D
Acq On : 14 Oct 2021 14:49
Operator : CG/JU
Sample : PB139823BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 14 15:49:41 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB139823BSD

Manual Integrations APPROVED
mohammad
10/18/2021 8:35:36 AM