Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020321\
Data File : BG048097.D
Acq On : 3 Feb 2021 18:56
Operator : CG/JU
Sample : PB134441BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB134441BSD

Manual Integrations APPROVED
mohammad
2/4/2021 11:08:08 AM

Quant Time: Feb 03 23:59:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 02 15:30:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.114	152	49146	20.00	ng		0.00
21) Naphthalene-d8	10.929	136	194598	20.00	ng		0.00
39) Acenaphthene-d10	14.742	164	147344	20.00	ng		0.00
64) Phenanthrene-d10	17.480	188	373971	20.00	ng		# 0.00
76) Chrysene-d12	21.757	240	385835	20.00	ng		# 0.00
86) Perylene-d12	25.030	264	391749	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.670	112	410947	128.51	ng		0.00
7) Phenol-d6	7.268	99	556907	114.54	ng		0.00
23) Nitrobenzene-d5	9.278	82	374442	76.14	ng		0.00
42) 2,4,6-Tribromophenol	16.228	330	305230	124.38	ng		0.00
45) 2-Fluorobiphenyl	13.367	172	853919	74.93	ng		0.00
79) Terphenyl-d14	20.083	244	1538649	69.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.555	88	42301	29.67	ng	#	94
3) Pyridine	3.954	79	134419	31.41	ng		91
4) n-Nitrosodimethylamine	3.866	42	82917	41.94	ng	#	80
6) Aniline	7.439	93	210993	35.92	ng		93
8) 2-Chlorophenol	7.679	128	156746	46.83	ng		91
9) Benzaldehyde	7.245	77	86445	34.66	ng		85
10) Phenol	7.292	94	210040	45.07	ng		78
11) bis(2-Chloroethyl)ether	7.527	93	148365	40.65	ng		94
12) 1,3-Dichlorobenzene	8.009	146	160839	39.81	ng	#	92
13) 1,4-Dichlorobenzene	8.150	146	165112	40.77	ng		94
14) 1,2-Dichlorobenzene	8.473	146	159121	41.16	ng		95
15) Benzyl Alcohol	8.349	79	176049	42.80	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.637	45	191832	37.45	ng		95
17) 2-Methylphenol	8.549	107	140294	44.54	ng	#	87
18) Hexachloroethane	9.207	117	62457	39.53	ng		99
19) n-Nitroso-di-n-propyla...	8.919	70	137185	38.66	ng		97
20) 3+4-Methylphenols	8.878	107	192978	44.28	ng		87
22) Acetophenone	8.937	105	244217	40.72	ng		92
24) Nitrobenzene	9.325	77	207078	42.04	ng		88
25) Isophorone	9.848	82	369375	41.85	ng	#	92
26) 2-Nitrophenol	10.036	139	91381	45.09	ng	#	73
27) 2,4-Dimethylphenol	10.088	122	143288	48.66	ng		90
28) bis(2-Chloroethoxy)met...	10.323	93	208455	39.25	ng		98
29) 2,4-Dichlorophenol	10.570	162	173880	45.89	ng		96
30) 1,2,4-Trichlorobenzene	10.788	180	187965	41.04	ng		98
31) Naphthalene	10.982	128	462038	41.06	ng		99
32) Benzoic acid	10.229	122	102669	38.93	ng	#	74
33) 4-Chloroaniline	11.076	127	113175	22.01	ng	#	91
34) Hexachlorobutadiene	11.264	225	132280	40.66	ng		96
35) Caprolactam	11.857	113	60187m	41.73	ng		
36) 4-Chloro-3-methylphenol	12.192	107	190115	44.72	ng		87
37) 2-Methylnaphthalene	12.574	142	353762	41.63	ng	#	93
38) 1-Methylnaphthalene	12.797	142	337294	41.60	ng		94
40) 1,2,4,5-Tetrachloroben...	12.938	216	239178	42.58	ng	#	97
41) Hexachlorocyclopentadiene	12.920	237	352370	110.75	ng		98
43) 2,4,6-Trichlorophenol	13.173	196	172525	44.04	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020321\
Data File : BG048097.D
Acq On : 3 Feb 2021 18:56
Operator : CG/JU
Sample : PB134441BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB134441BSD

Manual Integrations APPROVED
mohammad
2/4/2021 11:08:08 AM

Quant Time: Feb 03 23:59:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 02 15:30:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.244	196	186191	45.86	ng	#	94
46) 1,1'-Biphenyl	13.578	154	478032	41.97	ng		99
47) 2-Chloronaphthalene	13.620	162	391365	39.48	ng		97
48) 2-Nitroaniline	13.813	65	145416	40.42	ng	#	76
49) Acenaphthylene	14.466	152	600701	41.06	ng		98
50) Dimethylphthalate	14.190	163	545367	40.89	ng		99
51) 2,6-Dinitrotoluene	14.307	165	119977	43.28	ng	#	67
52) Acenaphthene	14.806	154	470064m	47.46	ng		
53) 3-Nitroaniline	14.636	138	82252	27.05	ng	#	74
54) 2,4-Dinitrophenol	14.842	184	172177	99.32	ng	#	72
55) Dibenzofuran	15.135	168	622635	41.45	ng		96
56) 4-Nitrophenol	14.936	139	203784	85.88	ng	#	51
57) 2,4-Dinitrotoluene	15.094	165	171616	42.86	ng	#	76
58) Fluorene	15.788	166	510158	42.24	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.359	232	185845	45.78	ng		97
60) Diethylphthalate	15.553	149	563194	41.08	ng		96
61) 4-Chlorophenyl-phenyle...	15.776	204	310395	41.97	ng		99
62) 4-Nitroaniline	15.799	138	120908	36.50	ng	#	60
63) Azobenzene	16.070	77	535424	41.49	ng		92
65) 4,6-Dinitro-2-methylph...	15.852	198	123790	51.29	ng		88
66) n-Nitrosodiphenylamine	15.987	169	478296	42.56	ng		99
67) 4-Bromophenyl-phenylether	16.669	248	211527	42.33	ng		98
68) Hexachlorobenzene	16.786	284	222082	40.87	ng		98
69) Atrazine	16.933	200	178707	41.86	ng		97
70) Pentachlorophenol	17.127	266	306933	93.01	ng		98
71) Phenanthrene	17.527	178	886689	41.10	ng		98
72) Anthracene	17.615	178	913295	43.04	ng		98
73) Carbazole	17.879	167	816402	41.23	ng		98
74) Di-n-butylphthalate	18.437	149	966975	39.99	ng	#	97
75) Fluoranthene	19.524	202	1175631	41.56	ng		96
77) Benzidine	19.701	184	427652	38.42	ng		97
78) Pyrene	19.889	202	1164381	41.21	ng		98
80) Butylbenzylphthalate	20.770	149	426860	39.55	ng		92
81) Benzo(a)anthracene	21.739	228	1161907	41.44	ng		100
82) 3,3'-Dichlorobenzidine	21.645	252	316458	33.49	ng	#	96
83) Chrysene	21.804	228	1118862	41.99	ng		99
84) Bis(2-ethylhexyl)phtha...	21.640	149	608656	41.18	ng		97
85) Di-n-octyl phthalate	22.873	149	1036017	41.90	ng		96
87) Indeno(1,2,3-cd)pyrene	28.778	276	1373870	43.60	ng	#	89
88) Benzo(b)fluoranthene	23.996	252	1218613	43.77	ng	#	96
89) Benzo(k)fluoranthene	24.066	252	1145492	42.34	ng	#	97
90) Benzo(a)pyrene	24.883	252	1096928	41.95	ng	#	97
91) Dibenzo(a,h)anthracene	28.849	278	1136151	43.69	ng	#	95
92) Benzo(g,h,i)perylene	29.953	276	1116691	44.58	ng	#	93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020321\
Data File : BG048097.D
Acq On : 3 Feb 2021 18:56
Operator : CG/JU
Sample : PB134441BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 03 23:59:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 02 15:30:13 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB134441BSD

Manual Integrations APPROVED
mohammad
2/4/2021 11:08:08 AM