Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012821\
Data File : BG048054.D
Acq On : 28 Jan 2021 12:04
Operator : CG/JU
Sample : PB134332BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB134332BS

Manual Integrations APPROVED
mohammad
1/29/2021 10:33:01 AM

Quant Time: Jan 28 12:41:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 19:39:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.126	152	43276	20.00	ng		0.00
21) Naphthalene-d8	10.940	136	157880	20.00	ng		0.00
39) Acenaphthene-d10	14.747	164	114719	20.00	ng		0.00
64) Phenanthrene-d10	17.491	188	289328	20.00	ng		# 0.00
76) Chrysene-d12	21.763	240	337638	20.00	ng		#-0.01
86) Perylene-d12	25.047	264	336247	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.681	112	334505	118.79	ng		0.00
7) Phenol-d6	7.274	99	463313	108.22	ng		0.00
23) Nitrobenzene-d5	9.283	82	271464	68.03	ng		-0.01
42) 2,4,6-Tribromophenol	16.234	330	219467	114.86	ng		0.00
45) 2-Fluorobiphenyl	13.372	172	605178	68.21	ng		-0.01
79) Terphenyl-d14	20.088	244	1241182	63.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.560	88	48741	38.83	ng	#	93
3) Pyridine	3.960	79	142569	37.84	ng		93
4) n-Nitrosodimethylamine	3.872	42	72276	41.51	ng		86
6) Aniline	7.438	93	154417	29.86	ng		95
8) 2-Chlorophenol	7.685	128	130863	44.40	ng		89
9) Benzaldehyde	7.256	77	21996	10.02	ng	#	77
10) Phenol	7.303	94	181163	44.14	ng		80
11) bis(2-Chloroethyl)ether	7.538	93	130562	40.62	ng		96
12) 1,3-Dichlorobenzene	8.014	146	146044	41.05	ng	#	89
13) 1,4-Dichlorobenzene	8.161	146	145557	40.81	ng		95
14) 1,2-Dichlorobenzene	8.478	146	136712	40.16	ng		95
15) Benzyl Alcohol	8.355	79	147960	40.85	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.649	45	160737	35.63	ng		95
17) 2-Methylphenol	8.560	107	115416	41.61	ng	#	88
18) Hexachloroethane	9.218	117	56708	40.75	ng		91
19) n-Nitroso-di-n-propyla...	8.931	70	111901	35.81	ng	#	95
20) 3+4-Methylphenols	8.884	107	159966	41.69	ng		88
22) Acetophenone	8.942	105	205684	42.27	ng		91
24) Nitrobenzene	9.330	77	176165	44.08	ng	#	86
25) Isophorone	9.853	82	301456	42.10	ng	#	95
26) 2-Nitrophenol	10.041	139	75773	46.08	ng	#	70
27) 2,4-Dimethylphenol	10.094	122	121923	51.03	ng	#	81
28) bis(2-Chloroethoxy)met...	10.335	93	169434	39.33	ng		97
29) 2,4-Dichlorophenol	10.576	162	142731	46.43	ng		95
30) 1,2,4-Trichlorobenzene	10.799	180	160929	43.30	ng		98
31) Naphthalene	10.987	128	392884	43.04	ng		98
32) Benzoic acid	10.223	122	90495	42.29	ng	#	76
33) 4-Chloroaniline	11.087	127	86211	20.66	ng	#	91
34) Hexachlorobutadiene	11.275	225	113506	43.00	ng		99
35) Caprolactam	11.857	113	46694m	39.91	ng		
36) 4-Chloro-3-methylphenol	12.197	107	150753	43.71	ng		86
37) 2-Methylnaphthalene	12.585	142	289904	42.05	ng	#	90
38) 1-Methylnaphthalene	12.802	142	273796	41.63	ng		96
40) 1,2,4,5-Tetrachloroben...	12.949	216	196798	45.00	ng	#	96
41) Hexachlorocyclopentadiene	12.932	237	275794	111.33	ng		99
43) 2,4,6-Trichlorophenol	13.179	196	134901	44.23	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012821\
Data File : BG048054.D
Acq On : 28 Jan 2021 12:04
Operator : CG/JU
Sample : PB134332BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 28 12:41:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 19:39:42 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB134332BS

Manual Integrations APPROVED
mohammad
1/29/2021 10:33:01 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.255	196	144903	45.84	ng		96
46) 1,1'-Biphenyl	13.584	154	382036	43.08	ng		99
47) 2-Chloronaphthalene	13.625	162	317964	41.20	ng		98
48) 2-Nitroaniline	13.819	65	108810	38.84	ng	#	80
49) Acenaphthylene	14.471	152	477513	41.92	ng		99
50) Dimethylphthalate	14.195	163	414759	39.95	ng		99
51) 2,6-Dinitrotoluene	14.312	165	93551	43.34	ng	#	74
52) Acenaphthene	14.812	154	370267m	48.02	ng		
53) 3-Nitroaniline	14.642	138	66265	27.99	ng	#	74
54) 2,4-Dinitrophenol	14.847	184	133651	99.02	ng	#	76
55) Dibenzofuran	15.147	168	491345	42.01	ng		95
56) 4-Nitrophenol	14.941	139	158542	85.81	ng	#	48
57) 2,4-Dinitrotoluene	15.100	165	133214	42.73	ng	#	81
58) Fluorene	15.793	166	396008	42.11	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.364	232	140697	44.51	ng	#	96
60) Diethylphthalate	15.558	149	429664	40.25	ng		95
61) 4-Chlorophenyl-phenyle...	15.781	204	241801	41.99	ng		96
62) 4-Nitroaniline	15.805	138	94507	36.64	ng	#	64
63) Azobenzene	16.075	77	407706	40.57	ng		91
65) 4,6-Dinitro-2-methylph...	15.858	198	95151	50.96	ng		90
66) n-Nitrosodiphenylamine	15.993	169	368519	42.38	ng		99
67) 4-Bromophenyl-phenylether	16.674	248	160990	41.64	ng		96
68) Hexachlorobenzene	16.792	284	174576	41.52	ng		95
69) Atrazine	16.939	200	136544	41.34	ng		98
70) Pentachlorophenol	17.133	266	244386	95.73	ng		97
71) Phenanthrene	17.532	178	711399	42.62	ng		98
72) Anthracene	17.620	178	717547	43.71	ng		98
73) Carbazole	17.885	167	665467	43.44	ng		98
74) Di-n-butylphthalate	18.443	149	780235	41.70	ng	#	98
75) Fluoranthene	19.530	202	997718	45.59	ng		97
77) Benzidine	19.706	184	228572	23.47	ng		98
78) Pyrene	19.894	202	999193	40.41	ng		98
80) Butylbenzylphthalate	20.775	149	375244	39.73	ng		89
81) Benzo(a)anthracene	21.745	228	1022663	41.68	ng		99
82) 3,3'-Dichlorobenzidine	21.657	252	295126	35.69	ng	#	98
83) Chrysene	21.810	228	983087	42.16	ng		99
84) Bis(2-ethylhexyl)phtha...	21.651	149	531335	41.08	ng		96
85) Di-n-octyl phthalate	22.885	149	907929	41.96	ng		97
87) Indeno(1,2,3-cd)pyrene	28.796	276	1203268	44.49	ng	#	90
88) Benzo(b)fluoranthene	24.007	252	1078272	45.12	ng	#	97
89) Benzo(k)fluoranthene	24.078	252	1024118	44.10	ng	#	97
90) Benzo(a)pyrene	24.894	252	958505	42.71	ng	#	97
91) Dibenzo(a,h)anthracene	28.866	278	1003616	44.96	ng	#	96
92) Benzo(g,h,i)perylene	29.982	276	997043	46.37	ng	#	91

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012821\
Data File : BG048054.D
Acq On : 28 Jan 2021 12:04
Operator : CG/JU
Sample : PB134332BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 28 12:41:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 19:39:42 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB134332BS

Manual Integrations APPROVED
mohammad
1/29/2021 10:33:01 AM