Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030321\
Data File : BG048316.D
Acq On : 3 Mar 2021 16:56
Operator : CG/JU
Sample : PB134922BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB134922BS

Manual Integrations APPROVED
mohammad
3/4/2021 11:31:11 AM

Quant Time: Mar 03 17:51:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 03 16:40:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.103	152	28251	20.00	ng		0.00
21) Naphthalene-d8	10.923	136	110014	20.00	ng		# 0.00
39) Acenaphthene-d10	14.737	164	82597	20.00	ng		0.00
64) Phenanthrene-d10	17.486	188	231118	20.00	ng		# 0.00
76) Chrysene-d12	21.769	240	269402	20.00	ng		# 0.00
86) Perylene-d12	25.066	264	261810	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.688	112	210804	127.01	ng		0.00
7) Phenol-d6	7.310	99	300934	119.35	ng		0.00
23) Nitrobenzene-d5	9.284	82	182470	70.16	ng		0.00
42) 2,4,6-Tribromophenol	16.241	330	153637	116.29	ng		0.00
45) 2-Fluorobiphenyl	13.362	172	397798	67.52	ng		0.00
79) Terphenyl-d14	20.083	244	871046	59.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.526	88	29506	38.80	ng	#	93
3) Pyridine	3.932	79	78749	37.45	ng		90
4) n-Nitrosodimethylamine	3.849	42	56416	50.54	ng	#	61
6) Aniline	7.439	93	103952	34.50	ng		92
8) 2-Chlorophenol	7.686	128	80088	43.93	ng		83
9) Benzaldehyde	7.239	77	35378	19.81	ng		84
10) Phenol	7.339	94	115761	45.40	ng	#	62
11) bis(2-Chloroethyl)ether	7.527	93	78734	39.64	ng		92
12) 1,3-Dichlorobenzene	7.991	146	87962	41.77	ng	#	86
13) 1,4-Dichlorobenzene	8.138	146	90990	42.84	ng		95
14) 1,2-Dichlorobenzene	8.462	146	87322m	43.23	ng		
15) Benzyl Alcohol	8.362	79	96635	43.48	ng	#	81
16) 2,2'-oxybis(1-Chloropr...	8.626	45	108024	41.94	ng		92
17) 2-Methylphenol	8.585	107	75449	45.38	ng	#	82
18) Hexachloroethane	9.184	117	36519	45.11	ng		91
19) n-Nitroso-di-n-propyla...	8.914	70	78842	40.51	ng	#	93
20) 3+4-Methylphenols	8.920	107	100667	43.45	ng	#	64
22) Acetophenone	8.937	105	135342	42.85	ng	#	85
24) Nitrobenzene	9.325	77	119221	42.96	ng	#	81
25) Isophorone	9.842	82	195076	37.82	ng	#	93
26) 2-Nitrophenol	10.042	139	48155	41.95	ng	#	59
27) 2,4-Dimethylphenol	10.113	122	77744	47.05	ng	#	85
28) bis(2-Chloroethoxy)met...	10.324	93	110071	43.66	ng		96
29) 2,4-Dichlorophenol	10.594	162	90426	42.80	ng		92
30) 1,2,4-Trichlorobenzene	10.782	180	102493	42.66	ng		94
31) Naphthalene	10.976	128	247172	40.70	ng		99
32) Benzoic acid	10.283	122	29006	25.73	ng	#	67
33) 4-Chloroaniline	11.100	127	55152	20.94	ng	#	86
34) Hexachlorobutadiene	11.241	225	76674	42.67	ng		94
35) Caprolactam	11.881	113	29070m	41.53	ng		
36) 4-Chloro-3-methylphenol	12.245	107	97059	41.55	ng		84
37) 2-Methylnaphthalene	12.574	142	186637	39.53	ng	#	89
38) 1-Methylnaphthalene	12.792	142	177175	39.67	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.939	216	127695	43.29	ng	#	94
41) Hexachlorocyclopentadiene	12.903	237	179093	99.55	ng		98
43) 2,4,6-Trichlorophenol	13.197	196	88095	41.56	ng		97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030321\
Data File : BG048316.D
Acq On : 3 Mar 2021 16:56
Operator : CG/JU
Sample : PB134922BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB134922BS

Manual Integrations APPROVED
mohammad
3/4/2021 11:31:11 AM

Quant Time: Mar 03 17:51:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 03 16:40:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.285	196	93411	40.85	ng	#	91
46) 1,1'-Biphenyl	13.573	154	250353	42.31	ng		99
47) 2-Chloronaphthalene	13.620	162	208539	41.41	ng		96
48) 2-Nitroaniline	13.843	65	86997	48.13	ng	#	79
49) Acenaphthylene	14.466	152	323731	41.56	ng		96
50) Dimethylphthalate	14.190	163	289668	41.94	ng		99
51) 2,6-Dinitrotoluene	14.325	165	63794	41.10	ng	#	49
52) Acenaphthene	14.801	154	190902	36.20	ng		97
53) 3-Nitroaniline	14.672	138	43972	28.85	ng	#	77
54) 2,4-Dinitrophenol	14.883	184	77404	76.61	ng	#	56
55) Dibenzofuran	15.136	168	332987	40.38	ng		94
56) 4-Nitrophenol	15.030	139	93380	74.73	ng	#	36
57) 2,4-Dinitrotoluene	15.118	165	94723	42.25	ng	#	65
58) Fluorene	15.788	166	277409	42.41	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.383	232	91615	40.01	ng	#	95
60) Diethylphthalate	15.547	149	303191	42.94	ng		95
61) 4-Chlorophenyl-phenyle...	15.771	204	163348	41.47	ng		96
62) 4-Nitroaniline	15.841	138	61126	38.56	ng	#	35
63) Azobenzene	16.064	77	308161	43.73	ng		86
65) 4,6-Dinitro-2-methylph...	15.888	198	62948	37.53	ng	#	75
66) n-Nitrosodiphenylamine	15.994	169	256441	38.36	ng		100
67) 4-Bromophenyl-phenylether	16.664	248	112716	38.04	ng	#	92
68) Hexachlorobenzene	16.787	284	122292	40.01	ng	#	93
69) Atrazine	16.946	200	97556	35.10	ng		90
70) Pentachlorophenol	17.157	266	114812	57.11	ng		95
71) Phenanthrene	17.533	178	502311	40.02	ng		96
72) Anthracene	17.621	178	521882	41.88	ng		97
73) Carbazole	17.903	167	476610	40.44	ng		98
74) Di-n-butylphthalate	18.432	149	571834	43.78	ng	#	97
75) Fluoranthene	19.537	202	715802	43.81	ng		95
77) Benzidine	19.719	184	283094	32.16	ng		97
78) Pyrene	19.895	202	717986	38.16	ng		98
80) Butylbenzylphthalate	20.765	149	268856	40.80	ng	#	84
81) Benzo(a)anthracene	21.746	228	737852	39.26	ng		97
82) 3,3'-Dichlorobenzidine	21.664	252	190592	28.31	ng		96
83) Chrysene	21.816	228	710857	39.60	ng		98
84) Bis(2-ethylhexyl)phtha...	21.628	149	383459	41.42	ng		94
85) Di-n-octyl phthalate	22.856	149	661577	41.98	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.832	276	853835	43.04	ng	#	92
88) Benzo(b)fluoranthene	24.014	252	752722	41.58	ng	#	95
89) Benzo(k)fluoranthene	24.090	252	737996	42.74	ng	#	95
90) Benzo(a)pyrene	24.907	252	686375	40.88	ng	#	95
91) Dibenzo(a,h)anthracene	28.896	278	715943	42.31	ng	#	93
92) Benzo(g,h,i)perylene	30.024	276	701837	42.68	ng	#	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030321\
Data File : BG048316.D
Acq On : 3 Mar 2021 16:56
Operator : CG/JU
Sample : PB134922BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 03 17:51:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 03 16:40:27 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB134922BS

Manual Integrations APPROVED
mohammad
3/4/2021 11:31:11 AM