Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080320\
Data File : BG046150.D
Acq On : 3 Aug 2020 15:19
Operator : CG/JU
Sample : PB130691BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB130691BS

Manual Integrations APPROVED
mohammad
8/5/2020 10:25:48 AM

Quant Time: Aug 03 16:40:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 18:43:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	99037	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	393336	20.00	ng		0.00
39) Acenaphthene-d10	14.58	164	256371	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	593640	20.00	ng		0.00
76) Chrysene-d12	21.57	240	609698	20.00	ng		0.00
86) Perylene-d12	24.67	264	644050	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	587936	103.20	ng		0.00
7) Phenol-d6	7.12	99	762163	98.16	ng		0.00
23) Nitrobenzene-d5	9.10	82	500029	68.83	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	391519	99.43	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	1201265	68.07	ng		0.00
79) Terphenyl-d14	19.93	244	1835530	61.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	126759	48.883	ng		98
3) Pyridine	3.83	79	175480	24.582	ng		98
4) n-Nitrosodimethylamine	3.75	42	110403	36.339	ng		97
6) Aniline	7.28	93	332974	36.026	ng		99
8) 2-Chlorophenol	7.52	128	251299	39.908	ng		100
9) Benzaldehyde	7.08	77	180395	39.154	ng		95
10) Phenol	7.15	94	313488	40.184	ng		99
11) bis(2-Chloroethyl)ether	7.37	93	232125	37.408	ng		98
12) 1,3-Dichlorobenzene	7.84	146	274486	35.963	ng		99
13) 1,4-Dichlorobenzene	7.99	146	276785	36.114	ng		99
14) 1,2-Dichlorobenzene	8.31	146	268157	37.099	ng		99
15) Benzyl Alcohol	8.19	79	222138	41.413	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	402449	39.559	ng		100
17) 2-Methylphenol	8.39	107	219619	41.700	ng		97
18) Hexachloroethane	9.03	117	96544	37.665	ng		92
19) n-Nitroso-di-n-propylamine	8.76	70	195148	38.619	ng		97
20) 3+4-Methylphenols	8.72	107	300191	41.643	ng		97
22) Acetophenone	8.77	105	363856	36.045	ng	#	99
24) Nitrobenzene	9.15	77	276386	35.683	ng		98
25) Isophorone	9.67	82	526157	36.398	ng		99
26) 2-Nitrophenol	9.86	139	138395	39.425	ng		97
27) 2,4-Dimethylphenol	9.92	122	237053	41.506	ng		98
28) bis(2-Chloroethoxy)methane	10.16	93	318205	40.483	ng		97
29) 2,4-Dichlorophenol	10.40	162	259780	38.668	ng		100
30) 1,2,4-Trichlorobenzene	10.61	180	276361	35.115	ng		99
31) Naphthalene	10.80	128	739069	35.511	ng		99
32) Benzoic acid	10.06	122	144749	37.126	ng		99
33) 4-Chloroaniline	10.90	127	241036	28.342	ng		98
34) Hexachlorobutadiene	11.10	225	179158	34.196	ng		99
35) Caprolactam	11.67	113	90791m	41.288	ng		
36) 4-Chloro-3-methylphenol	12.02	107	265140	40.216	ng		98
37) 2-Methylnaphthalene	12.41	142	587131	36.663	ng		99
38) 1-Methylnaphthalene	12.62	142	552895	36.485	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	324046	35.081	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 18:43:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	458004	86.443	ng		97
43) 2,4,6-Trichlorophenol	13.01	196	227877	38.667	ng		97
44) 2,4,5-Trichlorophenol	13.08	196	245613	38.197	ng		96
46) 1,1'-Biphenyl	13.41	154	745054	37.046	ng		98
47) 2-Chloronaphthalene	13.45	162	572060	35.660	ng		98
48) 2-Nitroaniline	13.65	65	179034	42.576	ng		98
49) Acenaphthylene	14.30	152	927901	37.249	ng		99
50) Dimethylphthalate	14.03	163	758064	38.526	ng		100
51) 2,6-Dinitrotoluene	14.15	165	173539	37.895	ng		97
52) Acenaphthene	14.65	154	663312m	40.346	ng		
53) 3-Nitroaniline	14.47	138	137718	30.335	ng		99
54) 2,4-Dinitrophenol	14.68	184	197165	69.020	ng		92
55) Dibenzofuran	14.98	168	899273	36.250	ng		99
56) 4-Nitrophenol	14.79	139	302870	76.839	ng		93
57) 2,4-Dinitrotoluene	14.93	165	244389	38.815	ng		97
58) Fluorene	15.63	166	736270	36.648	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	240161	39.653	ng		100
60) Diethylphthalate	15.40	149	755239	39.017	ng		98
61) 4-Chlorophenyl-phenylether	15.62	204	390830	37.247	ng		99
62) 4-Nitroaniline	15.64	138	176229	38.596	ng		94
63) Azobenzene	15.91	77	683594	37.683	ng		100
65) 4,6-Dinitro-2-methylphenol	15.70	198	145641	37.096	ng		97
66) n-Nitrosodiphenylamine	15.83	169	678646	37.766	ng		98
67) 4-Bromophenyl-phenylether	16.51	248	276735	37.733	ng		99
68) Hexachlorobenzene	16.64	284	303715	36.932	ng		98
69) Atrazine	16.78	200	244514	35.337	ng		98
70) Pentachlorophenol	16.97	266	408791	76.612	ng		99
71) Phenanthrene	17.36	178	1194716	36.740	ng		99
72) Anthracene	17.45	178	1231261	38.066	ng		99
73) Carbazole	17.72	167	1133679	36.348	ng		99
74) Di-n-butylphthalate	18.29	149	1296639	39.772	ng		100
75) Fluoranthene	19.37	202	1497363	36.883	ng		99
77) Benzidine	19.55	184	835631	48.386	ng		99
78) Pyrene	19.73	202	1491099	36.399	ng		99
80) Butylbenzylphthalate	20.63	149	595023	40.097	ng		99
81) Benzo(a)anthracene	21.55	228	1472190	36.082	ng		99
82) 3,3'-Dichlorobenzidine	21.47	252	448949	26.497	ng		99
83) Chrysene	21.61	228	1424733	35.646	ng		100
84) Bis(2-ethylhexyl)phthalate	21.48	149	833130	39.269	ng		100
85) Di-n-octyl phthalate	22.65	149	1442719	40.163	ng		99
87) Indeno(1,2,3-cd)pyrene	28.19	276	1860650	37.880	ng	#	94
88) Benzo(b)fluoranthene	23.69	252	1633583	37.850	ng		100
89) Benzo(k)fluoranthene	23.76	252	1538060	36.333	ng		99
90) Benzo(a)pyrene	24.53	252	1489645	37.092	ng		100
91) Dibenzo(a,h)anthracene	28.25	278	1528489	37.224	ng		100
92) Benzo(g,h,i)perylene	29.29	276	1567000	37.787	ng		100

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

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