Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031920\
Data File : BG044901.D
Acq On : 19 Mar 2020 17:36
Operator : CG/JU
Sample : PB127682BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB127682BS

Manual Integrations APPROVED
mohammad
3/20/2020 11:48:01 AM

Quant Time: Mar 20 01:43:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	80331	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	309041	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	210461	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	481097	20.00	ng	0.00
76) Chrysene-d12	21.69	240	456029	20.00	ng	-0.01
87) Perylene-d12	24.89	264	533278	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	546976	106.00	ng	0.00
7) Phenol-d6	7.20	99	736677	98.25	ng	0.00
23) Nitrobenzene-d5	9.20	82	470341	66.78	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	308531	111.96	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	990873	67.42	ng	0.00
79) Terphenyl-d14	20.03	244	1717346	70.44	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	70576	28.401	ng	95
3) Pyridine	3.91	79	183062	24.884	ng	97
4) n-Nitrosodimethylamine	3.82	42	96794	34.678	ng	98
6) Aniline	7.36	93	215103	23.056	ng	96
8) 2-Chlorophenol	7.61	128	206005	39.990	ng	98
9) Benzaldehyde	7.17	77	157038	32.614	ng	98
10) Phenol	7.23	94	269540	36.312	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	198697	33.541	ng	97
12) 1,3-Dichlorobenzene	7.93	146	218740	34.470	ng	97
13) 1,4-Dichlorobenzene	8.08	146	218146	34.772	ng	94
14) 1,2-Dichlorobenzene	8.40	146	209896	35.277	ng	98
15) Benzyl Alcohol	8.28	79	207735	34.532	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	283683	27.135	ng	97
17) 2-Methylphenol	8.48	107	183873	36.569	ng	97
18) Hexachloroethane	9.14	117	83709	33.892	ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	163325	30.850	ng	94
20) 3+4-Methylphenols	8.81	107	250960	36.207	ng	98
22) Acetophenone	8.86	105	302430	34.543	ng	99
24) Nitrobenzene	9.24	77	250029	34.215	ng	98
25) Isophorone	9.77	82	452850	32.946	ng	98
26) 2-Nitrophenol	9.95	139	109961	43.879	ng	98
27) 2,4-Dimethylphenol	10.02	122	185244	41.385	ng	95
28) bis(2-Chloroethoxy)methane	10.25	93	258322	31.492	ng	99
29) 2,4-Dichlorophenol	10.49	162	200393	38.329	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	219202	35.064	ng	96
31) Naphthalene	10.90	128	597435	34.898	ng	99
32) Benzoic acid	10.15	122	108444	34.504	ng	97
33) 4-Chloroaniline	11.00	127	127347	16.511	ng	99
34) Hexachlorobutadiene	11.20	225	147718	35.932	ng	97
35) Caprolactam	11.76	113	70620m	35.676	ng	
36) 4-Chloro-3-methylphenol	12.12	107	227663	36.511	ng	99
37) 2-Methylnaphthalene	12.50	142	442232	34.533	ng	99
38) 1-Methylnaphthalene	12.72	142	418786	34.785	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	235730	34.010	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	334858	88.402	ng		99
43) 2,4,6-Trichlorophenol	13.11	196	175693	38.195	ng		95
44) 2,4,5-Trichlorophenol	13.18	196	185936	38.978	ng		92
46) 1,1'-Biphenyl	13.51	154	551721	32.805	ng		96
47) 2-Chloronaphthalene	13.55	162	424271	33.023	ng		97
48) 2-Nitroaniline	13.74	65	157033	34.912	ng		96
49) Acenaphthylene	14.39	152	715681	35.557	ng		99
50) Dimethylphthalate	14.12	163	575613	34.340	ng		98
51) 2,6-Dinitrotoluene	14.24	165	130965	38.761	ng		97
52) Acenaphthene	14.74	154	505401	38.340	ng		98
53) 3-Nitroaniline	14.57	138	82123	21.141	ng		94
54) 2,4-Dinitrophenol	14.77	184	135029	76.845	ng		90
55) Dibenzofuran	15.08	168	678940	35.517	ng		99
56) 4-Nitrophenol	14.88	139	226432	76.378	ng		96
57) 2,4-Dinitrotoluene	15.02	165	187692	40.504	ng		96
58) Fluorene	15.72	166	548598	34.888	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	177078	40.319	ng		95
60) Diethylphthalate	15.49	149	597190	34.159	ng		99
61) 4-Chlorophenyl-phenylether	15.72	204	301931	35.659	ng		97
62) 4-Nitroaniline	15.73	138	136523	32.959	ng		96
63) Azobenzene	16.01	77	589814	32.487	ng		98
65) 4,6-Dinitro-2-methylphenol	15.79	198	103690	46.155	ng		96
66) n-Nitrosodiphenylamine	15.93	169	501340	34.613	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	208357	34.643	ng		97
68) Hexachlorobenzene	16.73	284	231138	35.424	ng		98
69) Atrazine	16.87	200	203166	38.285	ng		98
70) Pentachlorophenol	17.07	266	280760	78.203	ng		100
71) Phenanthrene	17.46	178	916243	35.639	ng		98
72) Anthracene	17.56	178	934075	36.846	ng		100
73) Carbazole	17.81	167	886825	36.418	ng		99
74) Di-n-butylphthalate	18.38	149	1054330	35.618	ng		100
75) Fluoranthene	19.47	202	1176843	38.445	ng		100
77) Benzidine	19.64	184	450582	30.435	ng		99
78) Pyrene	19.83	202	1175062	35.121	ng		99
80) Butylbenzylphthalate	20.72	149	503513	33.828	ng		99
81) Benzo(a)anthracene	21.67	228	1171837	35.686	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	258580	20.355	ng		97
83) Chrysene	21.73	228	1083913	34.556	ng		100
84) Bis(2-ethylhexyl)phthalate	21.59	149	693707	33.770	ng		98
85) Di-n-octyl phthalate	22.80	149	1195119	34.766	ng		99
86) Indeno(1,2,3-cd)pyrene	28.54	276	1461037	35.528	ng	#	94
88) Benzo(b)fluoranthene	23.88	252	1245966	35.391	ng		99
89) Benzo(k)fluoranthene	23.95	252	1174728	35.259	ng		98
90) Benzo(a)pyrene	24.74	252	1131344	34.343	ng		97
91) Dibenzo(a,h)anthracene	28.60	278	1180686	36.329	ng		96
92) Benzo(g,h,i)perylene	29.67	276	1203368	36.649	ng		96

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

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