Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
Data File : BG044940.D
Acq On : 24 Mar 2020 21:26
Operator : CG/JU
Sample : PB127773BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB127773BSD

Manual Integrations APPROVED
mohammad
3/25/2020 12:27:44 PM

Quant Time: Mar 25 06:23:48 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 23 07:18:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	86796	20.00	ng		-0.01
21) Naphthalene-d8	10.85	136	327693	20.00	ng		-0.01
39) Acenaphthene-d10	14.67	164	217699	20.00	ng		-0.01
64) Phenanthrene-d10	17.42	188	502192	20.00	ng		-0.01
76) Chrysene-d12	21.69	240	471736	20.00	ng		-0.01
87) Perylene-d12	24.89	264	529616	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	475595	85.30	ng		0.00
7) Phenol-d6	7.20	99	634922	78.38	ng		0.00
23) Nitrobenzene-d5	9.20	82	573128	76.75	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	260055	91.23	ng		-0.01
45) 2-Fluorobiphenyl	13.30	172	1234602	81.21	ng		0.00
79) Terphenyl-d14	20.03	244	1991170	78.95	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	84634	31.521	ng		98
3) Pyridine	3.90	79	245115	30.838	ng		100
4) n-Nitrosodimethylamine	3.82	42	116293	38.561	ng		96
6) Aniline	7.36	93	269942	26.779	ng		98
8) 2-Chlorophenol	7.61	128	246471	44.282	ng		95
9) Benzaldehyde	7.17	77	183718	36.269	ng		92
10) Phenol	7.23	94	328927	41.012	ng		96
11) bis(2-Chloroethyl)ether	7.45	93	231923	36.233	ng		95
12) 1,3-Dichlorobenzene	7.93	146	263269	38.397	ng		98
13) 1,4-Dichlorobenzene	8.08	146	264738	39.056	ng		97
14) 1,2-Dichlorobenzene	8.40	146	242906	37.784	ng		99
15) Benzyl Alcohol	8.28	79	242413	37.295	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.58	45	346167	30.646	ng		99
17) 2-Methylphenol	8.48	107	222894	41.028	ng		91
18) Hexachloroethane	9.13	117	100553	37.679	ng		97
19) n-Nitroso-di-n-propylamine	8.85	70	192194	33.599	ng		96
20) 3+4-Methylphenols	8.81	107	311779	41.631	ng		98
22) Acetophenone	8.86	105	362149	39.010	ng	#	98
24) Nitrobenzene	9.24	77	306764	39.590	ng		99
25) Isophorone	9.77	82	545832	37.451	ng		97
26) 2-Nitrophenol	9.96	139	128864	47.915	ng		99
27) 2,4-Dimethylphenol	10.02	122	218642	46.066	ng		95
28) bis(2-Chloroethoxy)methane	10.25	93	317138	36.461	ng		99
29) 2,4-Dichlorophenol	10.50	162	247718	44.684	ng		98
30) 1,2,4-Trichlorobenzene	10.71	180	263188	39.704	ng		91
31) Naphthalene	10.90	128	725413	39.962	ng		99
32) Benzoic acid	10.16	122	118420	35.245	ng		88
33) 4-Chloroaniline	11.00	127	142195	17.387	ng		97
34) Hexachlorobutadiene	11.20	225	174529	40.037	ng		97
35) Caprolactam	11.77	113	84850m	40.425	ng		
36) 4-Chloro-3-methylphenol	12.12	107	275710	41.700	ng		96
37) 2-Methylnaphthalene	12.50	142	545593	40.180	ng		95
38) 1-Methylnaphthalene	12.72	142	510602	39.997	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	288488	40.238	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
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	398941	101.818 ng	96
43) 2,4,6-Trichlorophenol	13.11	196	214613	45.105 ng	97
44) 2,4,5-Trichlorophenol	13.18	196	230010	46.614 ng	97
46) 1,1'-Biphenyl	13.51	154	680902	39.139 ng	98
47) 2-Chloronaphthalene	13.55	162	528574	39.773 ng	99
48) 2-Nitroaniline	13.74	65	189924	40.821 ng	99
49) Acenaphthylene	14.39	152	864224	41.509 ng	99
50) Dimethylphthalate	14.13	163	697229	40.212 ng	98
51) 2,6-Dinitrotoluene	14.24	165	159933	45.761 ng	96
52) Acenaphthene	14.74	154	616906	45.243 ng	100
53) 3-Nitroaniline	14.56	138	98537	24.523 ng	84
54) 2,4-Dinitrophenol	14.77	184	167616	90.554 ng	97
55) Dibenzofuran	15.07	168	832349	42.095 ng	99
56) 4-Nitrophenol	14.87	139	263673	85.983 ng	92
57) 2,4-Dinitrotoluene	15.03	165	225374	47.019 ng	96
58) Fluorene	15.72	166	677398	41.646 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	211716	46.603 ng	95
60) Diethylphthalate	15.49	149	713477	39.453 ng	97
61) 4-Chlorophenyl-phenylether	15.71	204	360990	41.217 ng	99
62) 4-Nitroaniline	15.73	138	161444	37.680 ng	92
63) Azobenzene	16.01	77	721580	38.424 ng	99
65) 4,6-Dinitro-2-methylphenol	15.79	198	127713	53.069 ng	96
66) n-Nitrosodiphenylamine	15.93	169	620319	41.028 ng	99
67) 4-Bromophenyl-phenylether	16.61	248	252693	40.250 ng	99
68) Hexachlorobenzene	16.73	284	276729	40.629 ng	99
69) Atrazine	16.87	200	251459	45.395 ng	98
70) Pentachlorophenol	17.07	266	332217	88.649 ng	99
71) Phenanthrene	17.46	178	1101053	41.028 ng	100
72) Anthracene	17.55	178	1118055	42.251 ng	98
73) Carbazole	17.82	167	1037470	40.815 ng	98
74) Di-n-butylphthalate	18.39	149	1227308	39.720 ng	99
75) Fluoranthene	19.47	202	1379040	43.158 ng	99
77) Benzidine	19.64	184	615854	40.214 ng	99
78) Pyrene	19.83	202	1358221	39.244 ng	99
80) Butylbenzylphthalate	20.72	149	567750	36.874 ng	99
81) Benzo(a)anthracene	21.67	228	1309590	38.553 ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	319884	24.342 ng	100
83) Chrysene	21.74	228	1250472	38.538 ng	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	783418	36.867 ng	97
85) Di-n-octyl phthalate	22.80	149	1349360	37.946 ng	99
86) Indeno(1,2,3-cd)pyrene	28.54	276	1679349	39.477 ng	98
88) Benzo(b)fluoranthene	23.88	252	1410232	40.334 ng	98
89) Benzo(k)fluoranthene	23.95	252	1385429	41.871 ng	99
90) Benzo(a)pyrene	24.75	252	1330712	40.675 ng	95
91) Dibenzo(a,h)anthracene	28.61	278	1356181	42.018 ng	97
92) Benzo(g,h,i)perylene	29.66	276	1360812	41.730 ng	97

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

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