Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032020\
Data File : BG044920.D
Acq On : 20 Mar 2020 15:15
Operator : CG/JU
Sample : PB127705BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB127705BS

Manual Integrations APPROVED
mohammad
3/23/2020 9:39:40 AM

Quant Time: Mar 21 01:38:14 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	83055	20.00	ng		-0.01
21) Naphthalene-d8	10.85	136	320915	20.00	ng		-0.01
39) Acenaphthene-d10	14.67	164	220451	20.00	ng		-0.01
64) Phenanthrene-d10	17.42	188	504243	20.00	ng		0.00
76) Chrysene-d12	21.69	240	498935	20.00	ng		-0.01
87) Perylene-d12	24.89	264	560269	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	405123	75.93	ng		0.00
7) Phenol-d6	7.20	99	570902	73.65	ng		0.00
23) Nitrobenzene-d5	9.20	82	514691	70.38	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	246797	85.50	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	1115850	72.48	ng		0.00
79) Terphenyl-d14	20.03	244	1894953	71.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	75633	29.438	ng		99
3) Pyridine	3.90	79	192588	25.321	ng		95
4) n-Nitrosodimethylamine	3.82	42	105588	36.588	ng		100
6) Aniline	7.36	93	227038	23.537	ng		97
8) 2-Chlorophenol	7.61	128	223379	41.941	ng		96
9) Benzaldehyde	7.17	77	166260	33.655	ng		95
10) Phenol	7.23	94	296834	38.678	ng		98
11) bis(2-Chloroethyl)ether	7.46	93	210738	34.406	ng		97
12) 1,3-Dichlorobenzene	7.93	146	235534	35.900	ng		98
13) 1,4-Dichlorobenzene	8.08	146	236166	36.410	ng		97
14) 1,2-Dichlorobenzene	8.40	146	218916	35.587	ng		97
15) Benzyl Alcohol	8.28	79	228282	36.703	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.57	45	311517	28.820	ng		99
17) 2-Methylphenol	8.48	107	206763	39.773	ng		95
18) Hexachloroethane	9.13	117	91105	35.676	ng		97
19) n-Nitroso-di-n-propylamine	8.85	70	176249	32.199	ng		99
20) 3+4-Methylphenols	8.81	107	276414	38.571	ng		97
22) Acetophenone	8.86	105	326021	35.860	ng	#	98
24) Nitrobenzene	9.24	77	275934	36.363	ng		99
25) Isophorone	9.77	82	497824	34.878	ng		99
26) 2-Nitrophenol	9.96	139	119402	45.631	ng		95
27) 2,4-Dimethylphenol	10.01	122	207576	44.658	ng		97
28) bis(2-Chloroethoxy)methane	10.25	93	284430	33.391	ng		99
29) 2,4-Dichlorophenol	10.49	162	228797	42.143	ng		97
30) 1,2,4-Trichlorobenzene	10.71	180	234511	36.125	ng		97
31) Naphthalene	10.90	128	649548	36.538	ng		99
32) Benzoic acid	10.16	122	130418	38.431	ng		98
33) 4-Chloroaniline	11.00	127	124479	15.542	ng		96
34) Hexachlorobutadiene	11.20	225	158431	37.112	ng		97
35) Caprolactam	11.77	113	78312m	38.098	ng		
36) 4-Chloro-3-methylphenol	12.12	107	253578	39.162	ng		97
37) 2-Methylnaphthalene	12.51	142	490453	36.882	ng		95
38) 1-Methylnaphthalene	12.72	142	466256	37.295	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	267361	36.826	ng		98

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Quant Time: Mar 21 01:38:14 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)
41) Hexachlorocyclopentadiene	12.86	237	359681	90.652	ng		97
43) 2,4,6-Trichlorophenol	13.10	196	199479	41.401	ng		99
44) 2,4,5-Trichlorophenol	13.18	196	214512	42.930	ng		97
46) 1,1'-Biphenyl	13.51	154	623196	35.375	ng		97
47) 2-Chloronaphthalene	13.55	162	475744	35.351	ng		98
48) 2-Nitroaniline	13.74	65	174791	37.099	ng		97
49) Acenaphthylene	14.40	152	803918	38.130	ng		98
50) Dimethylphthalate	14.13	163	650017	37.021	ng		99
51) 2,6-Dinitrotoluene	14.24	165	150279	42.462	ng		95
52) Acenaphthene	14.74	154	572845	41.487	ng		99
53) 3-Nitroaniline	14.57	138	83196	20.447	ng	#	91
54) 2,4-Dinitrophenol	14.77	184	161763	86.692	ng		94
55) Dibenzofuran	15.07	168	763190	38.115	ng		99
56) 4-Nitrophenol	14.87	139	261612	84.246	ng		95
57) 2,4-Dinitrotoluene	15.03	165	206965	42.639	ng		97
58) Fluorene	15.73	166	626317	38.025	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.30	232	202616	44.044	ng		96
60) Diethylphthalate	15.50	149	673958	36.803	ng		98
61) 4-Chlorophenyl-phenylether	15.72	204	334556	37.722	ng		97
62) 4-Nitroaniline	15.73	138	152071	35.049	ng		95
63) Azobenzene	16.01	77	666605	35.053	ng		99
65) 4,6-Dinitro-2-methylphenol	15.80	198	118686	49.693	ng		92
66) n-Nitrosodiphenylamine	15.93	169	573431	37.772	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	239786	38.039	ng		97
68) Hexachlorobenzene	16.74	284	262633	38.403	ng		97
69) Atrazine	16.88	200	230151	41.379	ng		98
70) Pentachlorophenol	17.07	266	321595	85.466	ng		100
71) Phenanthrene	17.46	178	1028799	38.180	ng		99
72) Anthracene	17.55	178	1059413	39.872	ng		100
73) Carbazole	17.82	167	987098	38.675	ng		100
74) Di-n-butylphthalate	18.39	149	1163474	37.501	ng		100
75) Fluoranthene	19.47	202	1309407	40.812	ng		99
77) Benzidine	19.64	184	536492	33.122	ng		98
78) Pyrene	19.83	202	1309575	35.776	ng		99
80) Butylbenzylphthalate	20.72	149	557463	34.232	ng		99
81) Benzo(a)anthracene	21.67	228	1288979	35.878	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	301546	21.696	ng		99
83) Chrysene	21.74	228	1204131	35.087	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	764087	33.997	ng	#	98
85) Di-n-octyl phthalate	22.81	149	1320549	35.112	ng		98
86) Indeno(1,2,3-cd)pyrene	28.54	276	1629328	36.214	ng	#	97
88) Benzo(b)fluoranthene	23.89	252	1368121	36.989	ng		98
89) Benzo(k)fluoranthene	23.95	252	1311776	37.476	ng		99
90) Benzo(a)pyrene	24.74	252	1281031	37.014	ng		97
91) Dibenzo(a,h)anthracene	28.60	278	1334241	39.076	ng		96
92) Benzo(g,h,i)perylene	29.67	276	1352898	39.218	ng		97

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

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