Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044880.D
Acq On : 19 Mar 2020 1:46
Operator : CG/JU
Sample : L1942-25MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-5-DAMS

Manual Integrations APPROVED
mohammad
3/19/2020 12:34:54 PM

Quant Time: Mar 19 03:52:32 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	8.05	152	78985	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	303176	20.00	ng		-0.01
39) Acenaphthene-d10	14.67	164	212125	20.00	ng		-0.01
64) Phenanthrene-d10	17.42	188	491857	20.00	ng		-0.01
76) Chrysene-d12	21.69	240	479189	20.00	ng		-0.01
87) Perylene-d12	24.89	264	539386	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	493832	97.33	ng		0.00
7) Phenol-d6	7.20	99	691398	93.79	ng		0.00
23) Nitrobenzene-d5	9.20	82	442385	64.03	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	285621	102.84	ng		-0.01
45) 2-Fluorobiphenyl	13.30	172	938980	63.39	ng		0.00
79) Terphenyl-d14	20.03	244	1613262	62.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	74065	30.313	ng		97
3) Pyridine	3.91	79	179018	24.749	ng		97
4) n-Nitrosodimethylamine	3.82	42	94358	34.382	ng	#	85
6) Aniline	7.36	93	103722	11.307	ng		94
8) 2-Chlorophenol	7.61	128	200624	39.609	ng		96
9) Benzaldehyde	7.17	77	155697	32.975	ng		96
10) Phenol	7.23	94	268088	36.732	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	194750	33.435	ng		97
12) 1,3-Dichlorobenzene	7.93	146	209929	33.646	ng		98
13) 1,4-Dichlorobenzene	8.08	146	210925	34.194	ng		95
14) 1,2-Dichlorobenzene	8.40	146	198299	33.896	ng		96
15) Benzyl Alcohol	8.28	79	203221	34.358	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.57	45	285950	27.818	ng		98
17) 2-Methylphenol	8.48	107	178564	36.118	ng		94
18) Hexachloroethane	9.13	117	83415	34.348	ng		95
19) n-Nitroso-di-n-propylamine	8.85	70	160718	30.875	ng		99
20) 3+4-Methylphenols	8.81	107	242489	35.581	ng		97
22) Acetophenone	8.86	105	292626	34.070	ng		98
24) Nitrobenzene	9.24	77	246119	34.332	ng		99
25) Isophorone	9.77	82	452253	33.539	ng		99
26) 2-Nitrophenol	9.96	139	105957	43.197	ng		97
27) 2,4-Dimethylphenol	10.02	122	181626	41.361	ng		94
28) bis(2-Chloroethoxy)methane	10.26	93	259230	32.214	ng		100
29) 2,4-Dichlorophenol	10.50	162	199213	38.841	ng		95
30) 1,2,4-Trichlorobenzene	10.71	180	208189	33.947	ng		96
31) Naphthalene	10.90	128	587363	34.973	ng		99
32) Benzoic acid	10.15	122	110215	35.398	ng		95
33) 4-Chloroaniline	11.00	127	44895	5.933	ng		97
34) Hexachlorobutadiene	11.20	225	139469	34.582	ng		96
35) Caprolactam	11.76	113	69924m	36.008	ng		
36) 4-Chloro-3-methylphenol	12.12	107	226190	36.977	ng		98
37) 2-Methylnaphthalene	12.51	142	432914	34.460	ng		95
38) 1-Methylnaphthalene	12.72	142	412297	34.908	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	236428	33.844	ng		99

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Quant Time: Mar 19 03:52:32 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	337738	88.463	ng		98
43) 2,4,6-Trichlorophenol	13.10	196	174938	37.733	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	188496	39.204	ng		96
46) 1,1'-Biphenyl	13.51	154	549616	32.423	ng		99
47) 2-Chloronaphthalene	13.55	162	419801	32.419	ng		97
48) 2-Nitroaniline	13.75	65	153272	33.809	ng		98
49) Acenaphthylene	14.40	152	714362	35.213	ng		99
50) Dimethylphthalate	14.13	163	658526	38.978	ng		100
51) 2,6-Dinitrotoluene	14.24	165	130270	38.253	ng		97
52) Acenaphthene	14.74	154	518885	39.054	ng		98
53) 3-Nitroaniline	14.57	138	34494	8.810	ng	#	97
54) 2,4-Dinitrophenol	14.77	184	151954	84.829	ng		92
55) Dibenzofuran	15.07	168	677767	35.178	ng		98
56) 4-Nitrophenol	14.87	139	229706	76.875	ng		95
57) 2,4-Dinitrotoluene	15.03	165	182406	39.055	ng		96
58) Fluorene	15.73	166	552456	34.857	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.30	232	176694	39.916	ng		95
60) Diethylphthalate	15.50	149	595886	33.817	ng		99
61) 4-Chlorophenyl-phenylether	15.72	204	299270	35.068	ng		98
62) 4-Nitroaniline	15.73	138	128845	30.862	ng		96
63) Azobenzene	16.01	77	595795	32.559	ng		99
65) 4,6-Dinitro-2-methylphenol	15.79	198	108117	46.919	ng		97
66) n-Nitrosodiphenylamine	15.93	169	501610	33.874	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	205839	33.476	ng		98
68) Hexachlorobenzene	16.74	284	231914	34.765	ng		97
69) Atrazine	16.88	200	201477	37.136	ng		99
70) Pentachlorophenol	17.07	266	289350	78.833	ng		99
71) Phenanthrene	17.46	178	912160	34.704	ng		99
72) Anthracene	17.55	178	935464	36.094	ng		99
73) Carbazole	17.82	167	875844	35.181	ng		98
74) Di-n-butylphthalate	18.39	149	1055164	34.866	ng		99
75) Fluoranthene	19.47	202	1155701	36.929	ng		100
77) Benzidine	19.64	184	330745	21.261	ng		99
78) Pyrene	19.83	202	1160448	33.008	ng		98
80) Butylbenzylphthalate	20.72	149	504348	32.246	ng		98
81) Benzo(a)anthracene	21.67	228	1137252	32.959	ng		100
82) 3,3'-Dichlorobenzidine	21.58	252	138054	10.342	ng		99
83) Chrysene	21.74	228	1074476	32.599	ng		100
84) Bis(2-ethylhexyl)phthalate	21.59	149	700319	32.444	ng		99
85) Di-n-octyl phthalate	22.81	149	1187094	32.864	ng		99
86) Indeno(1,2,3-cd)pyrene	28.53	276	1445541	33.453	ng	#	98
88) Benzo(b)fluoranthene	23.88	252	1238603	34.783	ng		99
89) Benzo(k)fluoranthene	23.95	252	1159695	34.414	ng		99
90) Benzo(a)pyrene	24.74	252	1128348	33.864	ng		96
91) Dibenzo(a,h)anthracene	28.60	278	1174316	35.724	ng		97
92) Benzo(g,h,i)perylene	29.67	276	1198907	36.100	ng		97

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

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