Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031920\
Data File : BG044906.D
Acq On : 19 Mar 2020 20:55
Operator : CG/JU
Sample : L1964-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2000448388MSD

Manual Integrations APPROVED
mohammad
3/20/2020 11:48:06 AM

Quant Time: Mar 20 02:20:57 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	87950	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	337025	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	231618	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	530032	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	480302	20.00	ng	-0.01
87) Perylene-d12	24.90	264	561186	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	650167	115.08	ng	0.00
7) Phenol-d6	7.21	99	813012	99.04	ng	0.00
23) Nitrobenzene-d5	9.20	82	647806	84.35	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	410212	135.26	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1324224	81.87	ng	0.00
79) Terphenyl-d14	20.03	244	2154216	83.90	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	93735	34.453	ng	# 25
3) Pyridine	3.93	79	213324	26.486	ng	98
4) n-Nitrosodimethylamine	3.83	42	128308	41.987	ng	100
6) Aniline	7.36	93	117537	11.507	ng	98
8) 2-Chlorophenol	7.61	128	269981	47.869	ng	98
9) Benzaldehyde	7.18	77	223095	46.799	ng	96
10) Phenol	7.23	94	301182	37.060	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	263223	40.584	ng	97
12) 1,3-Dichlorobenzene	7.93	146	275954	39.719	ng	98
13) 1,4-Dichlorobenzene	8.08	146	280533	40.843	ng	95
14) 1,2-Dichlorobenzene	8.40	146	261894	40.204	ng	98
15) Benzyl Alcohol	8.28	79	278818	42.333	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.57	45	386604	33.777	ng	97
17) 2-Methylphenol	8.49	107	240104	43.616	ng	96
18) Hexachloroethane	9.13	117	108543	40.139	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	223602	38.577	ng	99
20) 3+4-Methylphenols	8.81	107	320604	42.248	ng	96
22) Acetophenone	8.86	105	414013	43.362	ng	99
24) Nitrobenzene	9.24	77	349559	43.863	ng	99
25) Isophorone	9.77	82	625780	41.747	ng	99
26) 2-Nitrophenol	9.96	139	148809	53.122	ng	98
27) 2,4-Dimethylphenol	10.02	122	250886	51.395	ng	94
28) bis(2-Chloroethoxy)methane	10.26	93	354476	39.625	ng	98
29) 2,4-Dichlorophenol	10.50	162	273024	47.885	ng	99
30) 1,2,4-Trichlorobenzene	10.71	180	291985	42.829	ng	96
31) Naphthalene	10.90	128	803888	43.059	ng	99
32) Benzoic acid	10.16	122	138889	38.835	ng	97
33) 4-Chloroaniline	11.00	127	17668	2.101	ng	93
34) Hexachlorobutadiene	11.20	225	189087	42.176	ng	97
35) Caprolactam	11.77	113	67988m	31.494	ng	
36) 4-Chloro-3-methylphenol	12.12	107	300411	44.178	ng	98
37) 2-Methylnaphthalene	12.51	142	596023	42.678	ng	96
38) 1-Methylnaphthalene	12.72	142	566552	43.151	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	319591	41.898	ng	99

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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	392780	94.222	ng		96
43) 2,4,6-Trichlorophenol	13.10	196	235053	46.433	ng		96
44) 2,4,5-Trichlorophenol	13.18	196	245200	46.706	ng		94
46) 1,1'-Biphenyl	13.51	154	749538	40.496	ng		98
47) 2-Chloronaphthalene	13.55	162	585583	41.415	ng		98
48) 2-Nitroaniline	13.75	65	210296	42.483	ng		98
49) Acenaphthylene	14.40	152	952543	43.002	ng		98
50) Dimethylphthalate	14.13	163	775477	42.037	ng		99
51) 2,6-Dinitrotoluene	14.24	165	169841	45.676	ng		96
52) Acenaphthene	14.74	154	688492	47.459	ng		99
53) 3-Nitroaniline	14.57	138	28009	6.552	ng		88
54) 2,4-Dinitrophenol	14.77	184	201145	101.073	ng		93
55) Dibenzofuran	15.07	168	899904	42.776	ng		99
56) 4-Nitrophenol	14.88	139	261973	80.295	ng		94
57) 2,4-Dinitrotoluene	15.03	165	248595	48.747	ng		98
58) Fluorene	15.73	166	740438	42.786	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	233114	48.230	ng		95
60) Diethylphthalate	15.50	149	781682	40.627	ng		100
61) 4-Chlorophenyl-phenylether	15.72	204	399930	42.919	ng		99
62) 4-Nitroaniline	15.73	138	161425	35.412	ng		99
63) Azobenzene	16.01	77	776661	38.871	ng		99
65) 4,6-Dinitro-2-methylphenol	15.80	198	143787	56.095	ng		99
66) n-Nitrosodiphenylamine	15.92	169	662787	41.534	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	274098	41.366	ng		97
68) Hexachlorobenzene	16.74	284	302144	42.031	ng		99
69) Atrazine	16.88	200	264287	45.204	ng		98
70) Pentachlorophenol	17.07	266	374097	94.581	ng		97
71) Phenanthrene	17.46	178	1186469	41.889	ng		99
72) Anthracene	17.55	178	1204520	43.128	ng		99
73) Carbazole	17.82	167	1130681	42.146	ng		99
74) Di-n-butylphthalate	18.39	149	1340405	41.101	ng		99
75) Fluoranthene	19.47	202	1483976	44.003	ng		99
77) Benzidine	19.64	184	284311	18.234	ng		96
78) Pyrene	19.83	202	1465623	41.592	ng		98
80) Butylbenzylphthalate	20.72	149	632237	40.330	ng		99
81) Benzo(a)anthracene	21.67	228	1441109	41.668	ng		100
82) 3,3'-Dichlorobenzidine	21.58	252	140579	10.507	ng		99
83) Chrysene	21.74	228	1363497	41.272	ng		100
84) Bis(2-ethylhexyl)phthalate	21.59	149	877707	40.567	ng		99
85) Di-n-octyl phthalate	22.81	149	1485464	41.029	ng		99
86) Indeno(1,2,3-cd)pyrene	28.53	276	1858960	42.920	ng	#	94
88) Benzo(b)fluoranthene	23.88	252	1571503	42.418	ng		100
89) Benzo(k)fluoranthene	23.95	252	1474187	42.047	ng		99
90) Benzo(a)pyrene	24.74	252	1428310	41.202	ng		97
91) Dibenzo(a,h)anthracene	28.61	278	1491061	43.598	ng		97
92) Benzo(g,h,i)perylene	29.68	276	1533314	44.375	ng		96

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

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