Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
Data File : BG044341.D
Acq On : 7 Feb 2020 17:37
Operator : CG/JU
Sample : L1408-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

Manual Integrations APPROVED
mohammad
2/11/2020 8:26:00 AM

Quant Time: Feb 08 02:56:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	94248	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	397340	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	254700	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	535854	20.00	ng	0.00
76) Chrysene-d12	21.54	240	458936	20.00	ng	0.00
87) Perylene-d12	24.63	264	531229	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	647868	121.32	ng	0.00
7) Phenol-d6	7.09	99	855022	119.23	ng	0.00
23) Nitrobenzene-d5	9.07	82	511709	72.71	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	325933	109.01	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1121543	73.74	ng	0.00
79) Terphenyl-d14	19.91	244	1557353	69.80	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	86363	35.994	ng	99
3) Pyridine	3.77	79	209486	32.771	ng	97
4) n-Nitrosodimethylamine	3.69	42	105809	39.611	ng	99
6) Aniline	7.24	93	148990	16.738	ng	99
8) 2-Chlorophenol	7.48	128	271003	46.174	ng	99
9) Benzaldehyde	7.05	77	120019	29.386	ng	100
10) Phenol	7.12	94	337182	47.510	ng	99
11) bis(2-Chloroethyl)ether	7.33	93	244587	40.311	ng	98
12) 1,3-Dichlorobenzene	7.80	146	276430	39.447	ng	99
13) 1,4-Dichlorobenzene	7.95	146	275358	39.674	ng	99
14) 1,2-Dichlorobenzene	8.27	146	262532	40.019	ng	99
15) Benzyl Alcohol	8.15	79	213791	42.109	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.44	45	316741	38.569	ng	99
17) 2-Methylphenol	8.36	107	224735	44.382	ng	96
18) Hexachloroethane	9.00	117	101513	38.977	ng	98
19) n-Nitroso-di-n-propylamine	8.72	70	189537	39.658	ng	99
20) 3+4-Methylphenols	8.69	107	308773	44.246	ng	99
22) Acetophenone	8.73	105	359910	37.234	ng	99
24) Nitrobenzene	9.11	77	270006	39.297	ng	100
25) Isophorone	9.64	82	517577	39.456	ng	100
26) 2-Nitrophenol	9.82	139	150961	42.343	ng	99
27) 2,4-Dimethylphenol	9.89	122	246239	48.928	ng	98
28) bis(2-Chloroethoxy)methane	10.12	93	333273	38.084	ng	99
29) 2,4-Dichlorophenol	10.36	162	257806	42.365	ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	266409	38.180	ng	99
31) Naphthalene	10.76	128	774107	40.155	ng	99
32) Benzoic acid	10.05	122	110790	37.725	ng	97
33) 4-Chloroaniline	10.87	127	61527	7.018	ng	96
34) Hexachlorobutadiene	11.06	225	156784	36.516	ng	99
35) Caprolactam	11.63	113	91766m	41.166	ng	
36) 4-Chloro-3-methylphenol	12.00	107	264957	41.528	ng	98
37) 2-Methylnaphthalene	12.37	142	566660	39.590	ng	99
38) 1-Methylnaphthalene	12.59	142	543305	40.262	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	284282	37.313	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	331281	90.618	ng	98
43) 2,4,6-Trichlorophenol	12.99	196	202707	41.162	ng	99
44) 2,4,5-Trichlorophenol	13.06	196	215281	42.799	ng	97
46) 1,1'-Biphenyl	13.38	154	715363	38.938	ng	98
47) 2-Chloronaphthalene	13.43	162	561176	38.386	ng	100
48) 2-Nitroaniline	13.62	65	158121	36.649	ng	98
49) Acenaphthylene	14.27	152	882241	41.144	ng	100
50) Dimethylphthalate	14.01	163	781379	42.678	ng	100
51) 2,6-Dinitrotoluene	14.12	165	161202	39.489	ng	99
52) Acenaphthene	14.61	154	545320	39.236	ng	99
53) 3-Nitroaniline	14.45	138	56316	12.469	ng	99
54) 2,4-Dinitrophenol	14.66	184	187940	77.917	ng	98
55) Dibenzofuran	14.95	168	837020	39.777	ng	99
56) 4-Nitrophenol	14.77	139	292328	88.364	ng	100
57) 2,4-Dinitrotoluene	14.91	165	219456	38.356	ng	96
58) Fluorene	15.60	166	652253	39.354	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.18	232	189974	41.813	ng	99
60) Diethylphthalate	15.37	149	699533	38.345	ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	346722	38.582	ng	98
62) 4-Nitroaniline	15.61	138	149636	33.158	ng	96
63) Azobenzene	15.88	77	621735	38.886	ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	136018	45.985	ng	99
66) n-Nitrosodiphenylamine	15.81	169	608380	40.513	ng	99
67) 4-Bromophenyl-phenylether	16.49	248	226442	38.787	ng	97
68) Hexachlorobenzene	16.61	284	247709	37.873	ng	100
69) Atrazine	16.76	200	231299	44.938	ng	98
70) Pentachlorophenol	16.95	266	278587	84.063	ng	98
71) Phenanthrene	17.34	178	1132907	43.661	ng	99
72) Anthracene	17.43	178	1103159	43.002	ng	99
73) Carbazole	17.69	167	950089	40.173	ng	100
74) Di-n-butylphthalate	18.26	149	1173969	40.170	ng	100
75) Fluoranthene	19.35	202	1494327	49.783	ng	98
77) Benzidine	19.52	184	230920	18.140	ng	99
78) Pyrene	19.71	202	1496895	50.789	ng	98
80) Butylbenzylphthalate	20.60	149	531397	39.564	ng	99
81) Benzo(a)anthracene	21.52	228	1332303	47.103	ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	180648	16.456	ng	99
83) Chrysene	21.59	228	1253849	45.862	ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	762524	41.247	ng	100
85) Di-n-octyl phthalate	22.61	149	1326992	41.486	ng	99
86) Indeno(1,2,3-cd)pyrene	28.14	276	1515610	42.491	ng	99
88) Benzo(b)fluoranthene	23.66	252	1400531	45.752	ng	100
89) Benzo(k)fluoranthene	23.73	252	1293973	43.371	ng	100
90) Benzo(a)pyrene	24.49	252	1281722	44.285	ng	98
91) Dibenzo(a,h)anthracene	28.20	278	1182349	41.278	ng	98
92) Benzo(g,h,i)perylene	29.24	276	1288563	44.938	ng	99

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

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