Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013120\
Data File : BG044265.D
Acq On : 31 Jan 2020 18:25
Operator : CG/JU
Sample : L1331-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C-1_013020MSD

Manual Integrations APPROVED
mohammad
2/3/2020 4:10:51 PM

Quant Time: Feb 01 00:18:51 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	7.92	152	78934	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	359933	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	254544	20.00	ng		0.00
64) Phenanthrene-d10	17.30	188	527138	20.00	ng		0.00
76) Chrysene-d12	21.55	240	441437	20.00	ng		0.00
87) Perylene-d12	24.64	264	511080	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	589164	131.73	ng		0.00
7) Phenol-d6	7.09	99	823709	137.15	ng		0.00
23) Nitrobenzene-d5	9.07	82	491144	77.04	ng		0.00
42) 2,4,6-Tribromophenol	16.04	330	334049	111.79	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	1120831	73.74	ng		0.00
79) Terphenyl-d14	19.91	244	1629867	75.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	86241	42.917	ng		99
3) Pyridine	3.77	79	218780	40.865	ng		98
4) n-Nitrosodimethylamine	3.69	42	107689	48.136	ng		97
6) Aniline	7.24	93	256476	34.403	ng		98
8) 2-Chlorophenol	7.48	128	307040	62.464	ng		99
9) Benzaldehyde	7.05	77	130784	38.234	ng		97
10) Phenol	7.11	94	408779	68.772	ng		98
11) bis(2-Chloroethyl)ether	7.34	93	259040	50.975	ng		96
12) 1,3-Dichlorobenzene	7.81	146	283899	48.373	ng		99
13) 1,4-Dichlorobenzene	7.95	146	287456	49.453	ng		99
14) 1,2-Dichlorobenzene	8.27	146	276146	50.261	ng		100
15) Benzyl Alcohol	8.15	79	252416	59.363	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	351820	51.152	ng		99
17) 2-Methylphenol	8.36	107	268970	63.423	ng		98
18) Hexachloroethane	9.00	117	105516	48.374	ng		99
19) n-Nitroso-di-n-propylamine	8.72	70	220995	55.211	ng		98
20) 3+4-Methylphenols	8.69	107	370218	63.344	ng		98
22) Acetophenone	8.73	105	409673	46.787	ng	#	99
24) Nitrobenzene	9.12	77	310749	49.927	ng		98
25) Isophorone	9.64	82	613205	51.604	ng		100
26) 2-Nitrophenol	9.83	139	174829	54.134	ng		98
27) 2,4-Dimethylphenol	9.90	122	304819	66.863	ng		98
28) bis(2-Chloroethoxy)methane	10.13	93	391369	49.371	ng		98
29) 2,4-Dichlorophenol	10.37	162	318103	57.706	ng		99
30) 1,2,4-Trichlorobenzene	10.58	180	296638	46.930	ng		99
31) Naphthalene	10.77	128	879365	50.356	ng		99
32) Benzoic acid	10.06	122	113155	40.728	ng		91
33) 4-Chloroaniline	10.87	127	137191	17.274	ng		97
34) Hexachlorobutadiene	11.07	225	171593	44.119	ng		99
35) Caprolactam	11.64	113	119267m	59.063	ng		
36) 4-Chloro-3-methylphenol	12.01	107	345402	59.763	ng		99
37) 2-Methylnaphthalene	12.38	142	678304	52.315	ng		99
38) 1-Methylnaphthalene	12.59	142	652869	53.409	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	337493	44.324	ng		98

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Quant Time: Feb 01 00:18:51 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)
41) Hexachlorocyclopentadiene	12.73	237	415733	113.789 ng	99
43) 2,4,6-Trichlorophenol	12.99	196	257226	52.264 ng	100
44) 2,4,5-Trichlorophenol	13.06	196	275549	54.814 ng	98
46) 1,1'-Biphenyl	13.39	154	888119	48.371 ng	99
47) 2-Chloronaphthalene	13.43	162	694103	47.507 ng	100
48) 2-Nitroaniline	13.63	65	210418	48.800 ng	99
49) Acenaphthylene	14.27	152	1101738	51.412 ng	100
50) Dimethylphthalate	14.01	163	1039532	56.813 ng	100
51) 2,6-Dinitrotoluene	14.13	165	204884	50.220 ng	99
52) Acenaphthene	14.62	154	678617	48.856 ng	98
53) 3-Nitroaniline	14.45	138	110399	24.459 ng	100
54) 2,4-Dinitrophenol	14.66	184	210117	86.259 ng	99
55) Dibenzofuran	14.96	168	1055020	50.167 ng	100
56) 4-Nitrophenol	14.78	139	354648	107.267 ng	97
57) 2,4-Dinitrotoluene	14.91	165	281212	49.180 ng	99
58) Fluorene	15.60	166	829876	50.101 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.18	232	238965	52.628 ng	99
60) Diethylphthalate	15.38	149	895964	49.143 ng	100
61) 4-Chlorophenyl-phenylether	15.60	204	439429	48.928 ng	98
62) 4-Nitroaniline	15.62	138	204299	45.298 ng	98
63) Azobenzene	15.89	77	817191	51.141 ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	163384	56.150 ng	98
66) n-Nitrosodiphenylamine	15.81	169	778327	52.687 ng	99
67) 4-Bromophenyl-phenylether	16.49	248	288849	50.295 ng	99
68) Hexachlorobenzene	16.61	284	310461	48.252 ng	97
69) Atrazine	16.76	200	286751	56.632 ng	98
70) Pentachlorophenol	16.96	266	327717	99.908 ng	97
71) Phenanthrene	17.34	178	1274851	49.944 ng	99
72) Anthracene	17.44	178	1309690	51.897 ng	99
73) Carbazole	17.70	167	1160181	49.868 ng	99
74) Di-n-butylphthalate	18.27	149	1426305	49.611 ng	100
75) Fluoranthene	19.35	202	1450101	49.108 ng	98
77) Benzidine	19.53	184	439464	35.891 ng	98
78) Pyrene	19.71	202	1447983	51.077 ng	99
80) Butylbenzylphthalate	20.60	149	666038	51.555 ng	98
81) Benzo(a)anthracene	21.52	228	1394258	51.248 ng	100
82) 3,3'-Dichlorobenzidine	21.44	252	288257	27.300 ng	98
83) Chrysene	21.59	228	1333984	50.727 ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	930134	52.308 ng	99
85) Di-n-octyl phthalate	22.62	149	1610342	52.340 ng	99
86) Indeno(1,2,3-cd)pyrene	28.15	276	1720793	50.156 ng	98
88) Benzo(b)fluoranthene	23.67	252	1490774	50.620 ng	99
89) Benzo(k)fluoranthene	23.73	252	1443146	50.278 ng	100
90) Benzo(a)pyrene	24.50	252	1379462	49.541 ng	98
91) Dibenzo(a,h)anthracene	28.21	278	1451246	52.663 ng	98
92) Benzo(g,h,i)perylene	29.25	276	1429128	51.805 ng	99

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

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