Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021220\
Data File : BG044417.D
Acq On : 12 Feb 2020 20:27
Operator : CG/JU
Sample : L1491-08MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2I-(13.5-15.5)MSD

Manual Integrations APPROVED
mohammad
2/13/2020 3:33:59 PM

Quant Time: Feb 13 02:57:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	77258	20.00	ng		0.00
21) Naphthalene-d8	10.70	136	326439	20.00	ng		0.00
39) Acenaphthene-d10	14.54	164	219681	20.00	ng		0.00
64) Phenanthrene-d10	17.29	188	487117	20.00	ng		0.00
76) Chrysene-d12	21.53	240	454953	20.00	ng		0.00
87) Perylene-d12	24.62	264	480735	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	671700	153.44	ng		0.00
7) Phenol-d6	7.08	99	900414	153.17	ng		0.00
23) Nitrobenzene-d5	9.06	82	540554	93.49	ng		0.00
42) 2,4,6-Tribromophenol	16.03	330	386705	149.95	ng		0.00
45) 2-Fluorobiphenyl	13.17	172	1195744	91.15	ng		0.00
79) Terphenyl-d14	19.90	244	1759162	79.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	76698	38.996	ng		97
3) Pyridine	3.76	79	186869	35.661	ng		98
4) n-Nitrosodimethylamine	3.67	42	100298	45.805	ng		99
6) Aniline	7.23	93	252398	34.591	ng		100
8) 2-Chlorophenol	7.47	128	255360	53.077	ng		100
9) Benzaldehyde	7.03	77	107710	32.172	ng		95
10) Phenol	7.10	94	315476	54.227	ng		99
11) bis(2-Chloroethyl)ether	7.32	93	232415	46.728	ng		96
12) 1,3-Dichlorobenzene	7.79	146	260872	45.414	ng		98
13) 1,4-Dichlorobenzene	7.94	146	261014	45.878	ng		98
14) 1,2-Dichlorobenzene	8.26	146	247073	45.945	ng		100
15) Benzyl Alcohol	8.14	79	207212	49.789	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.44	45	302334	44.911	ng		98
17) 2-Methylphenol	8.36	107	215560	51.932	ng		99
18) Hexachloroethane	8.98	117	96623	45.258	ng		99
19) n-Nitroso-di-n-propylamine	8.71	70	182599	46.608	ng		97
20) 3+4-Methylphenols	8.68	107	298796	52.233	ng		100
22) Acetophenone	8.73	105	348415	43.874	ng	#	98
24) Nitrobenzene	9.10	77	259047	45.891	ng		99
25) Isophorone	9.62	82	506519	46.999	ng		100
26) 2-Nitrophenol	9.82	139	144342	49.280	ng		100
27) 2,4-Dimethylphenol	9.88	122	243913	58.993	ng		100
28) bis(2-Chloroethoxy)methane	10.11	93	319612	44.456	ng		99
29) 2,4-Dichlorophenol	10.36	162	253707	50.747	ng		96
30) 1,2,4-Trichlorobenzene	10.57	180	256492	44.743	ng		99
31) Naphthalene	10.75	128	746179	47.114	ng		100
32) Benzoic acid	10.05	122	94601	38.652	ng		93
33) 4-Chloroaniline	10.86	127	131454	18.250	ng		98
34) Hexachlorobutadiene	11.05	225	152233	43.157	ng		98
35) Caprolactam	11.63	113	97353m	53.158	ng		
36) 4-Chloro-3-methylphenol	12.00	107	272822	52.048	ng		98
37) 2-Methylnaphthalene	12.36	142	559073	47.543	ng		99
38) 1-Methylnaphthalene	12.59	142	533816	48.150	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	284093	43.232	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 : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	302581	95.962 ng	100
43) 2,4,6-Trichlorophenol	12.98	196	204836	48.224 ng	99
44) 2,4,5-Trichlorophenol	13.06	196	224059	51.645 ng	99
46) 1,1'-Biphenyl	13.37	154	719817	45.426 ng	99
47) 2-Chloronaphthalene	13.41	162	560940	44.486 ng	100
48) 2-Nitroaniline	13.61	65	171111	45.982 ng	98
49) Acenaphthylene	14.27	152	894911	48.388 ng	100
50) Dimethylphthalate	14.00	163	783007	49.585 ng	100
51) 2,6-Dinitrotoluene	14.11	165	168383	47.823 ng	98
52) Acenaphthene	14.61	154	552918	46.124 ng	98
53) 3-Nitroaniline	14.44	138	101794	26.132 ng	96
54) 2,4-Dinitrophenol	14.65	184	170709	81.650 ng	99
55) Dibenzofuran	14.94	168	864262	47.618 ng	99
56) 4-Nitrophenol	14.77	139	306381	107.375 ng	99
57) 2,4-Dinitrotoluene	14.91	165	240055	48.645 ng	96
58) Fluorene	15.59	166	685561	47.957 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.18	232	204000	52.057 ng	99
60) Diethylphthalate	15.36	149	746093	47.417 ng	99
61) 4-Chlorophenyl-phenylether	15.58	204	366752	47.317 ng	97
62) 4-Nitroaniline	15.61	138	173600	44.600 ng	99
63) Azobenzene	15.88	77	666887	48.358 ng	100
65) 4,6-Dinitro-2-methylphenol	15.67	198	138887	51.652 ng	97
66) n-Nitrosodiphenylamine	15.80	169	651308	47.711 ng	99
67) 4-Bromophenyl-phenylether	16.48	248	244519	46.074 ng	97
68) Hexachlorobenzene	16.60	284	269182	45.273 ng	99
69) Atrazine	16.75	200	249639	53.353 ng	99
70) Pentachlorophenol	16.95	266	272933	90.353 ng	96
71) Phenanthrene	17.33	178	1114813	47.262 ng	99
72) Anthracene	17.42	178	1150369	49.329 ng	99
73) Carbazole	17.69	167	1033728	48.083 ng	99
74) Di-n-butylphthalate	18.26	149	1265850	47.647 ng	100
75) Fluoranthene	19.34	202	1306540	47.882 ng	100
77) Benzidine	19.52	184	605676	47.996 ng	98
78) Pyrene	19.70	202	1313162	44.945 ng	100
80) Butylbenzylphthalate	20.59	149	577307	43.359 ng	99
81) Benzo(a)anthracene	21.52	228	1252226	44.660 ng	99
82) 3,3'-Dichlorobenzidine	21.43	252	256315	23.553 ng	99
83) Chrysene	21.58	228	1196675	44.154 ng	100
84) Bis(2-ethylhexyl)phthalate	21.43	149	814933	44.468 ng	99
85) Di-n-octyl phthalate	22.60	149	1426387	44.984 ng	100
86) Indeno(1,2,3-cd)pyrene	28.12	276	1556983	44.033 ng	100
88) Benzo(b)fluoranthene	23.64	252	1336930	48.262 ng	99
89) Benzo(k)fluoranthene	23.71	252	1289830	47.773 ng	99
90) Benzo(a)pyrene	24.48	252	1236660	47.216 ng	99
91) Dibenzo(a,h)anthracene	28.17	278	1280394	49.396 ng	99
92) Benzo(g,h,i)perylene	29.21	276	1301947	50.174 ng	98

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

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