Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080520\
Data File : BG046173.D
Acq On : 5 Aug 2020 13:51
Operator : CG/JU
Sample : L3545-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-1MS

Manual Integrations APPROVED
mohammad
8/6/2020 1:20:33 PM

Quant Time: Aug 06 02:07:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 18:43:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	110876	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	438811	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	285699	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	664196	20.00	ng	0.00
76) Chrysene-d12	21.57	240	671982	20.00	ng	0.00
86) Perylene-d12	24.67	264	746732	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	779726	122.25	ng	0.00
7) Phenol-d6	7.12	99	1015115	116.78	ng	0.00
23) Nitrobenzene-d5	9.11	82	664605	82.00	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	536253	122.20	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1478147	75.16	ng	0.00
79) Terphenyl-d14	19.94	244	2014022	61.04	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	102458	35.293	ng	97
3) Pyridine	3.83	79	236822	29.633	ng	97
4) n-Nitrosodimethylamine	3.75	42	130400	38.338	ng	95
6) Aniline	7.28	93	298615	28.859	ng	99
8) 2-Chlorophenol	7.52	128	316225	44.857	ng	96
9) Benzaldehyde	7.09	77	213289	41.350	ng	98
10) Phenol	7.15	94	384350	44.007	ng	97
11) bis(2-Chloroethyl)ether	7.37	93	293260	42.214	ng	100
12) 1,3-Dichlorobenzene	7.85	146	353574	41.378	ng	99
13) 1,4-Dichlorobenzene	7.99	146	352901	41.129	ng	99
14) 1,2-Dichlorobenzene	8.30	146	347915	42.994	ng	98
15) Benzyl Alcohol	8.19	79	266952	44.453	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.49	45	467326	41.031	ng	98
17) 2-Methylphenol	8.40	107	270834	45.933	ng	98
18) Hexachloroethane	9.04	117	125341	43.678	ng	99
19) n-Nitroso-di-n-propylamine	8.76	70	234032	41.368	ng	97
20) 3+4-Methylphenols	8.72	107	374179	46.364	ng	97
22) Acetophenone	8.77	105	451120	40.059	ng	99
24) Nitrobenzene	9.15	77	331269	38.337	ng	98
25) Isophorone	9.67	82	630736	39.111	ng	100
26) 2-Nitrophenol	9.86	139	175071	44.704	ng	95
27) 2,4-Dimethylphenol	9.93	122	294060	46.152	ng	99
28) bis(2-Chloroethoxy)methane	10.15	93	388171	44.267	ng	100
29) 2,4-Dichlorophenol	10.40	162	335117	44.712	ng	99
30) 1,2,4-Trichlorobenzene	10.61	180	357621	40.730	ng	99
31) Naphthalene	10.80	128	927450	39.945	ng	99
32) Benzoic acid	10.08	122	190437	42.095	ng	96
33) 4-Chloroaniline	10.90	127	149761	15.784	ng	98
34) Hexachlorobutadiene	11.10	225	235344	40.265	ng	100
35) Caprolactam	11.67	113	113264m	46.170	ng	
36) 4-Chloro-3-methylphenol	12.03	107	321238	43.675	ng	98
37) 2-Methylnaphthalene	12.41	142	721729	40.397	ng	100
38) 1-Methylnaphthalene	12.62	142	686528	40.608	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	422015	40.997	ng	99

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Quant Time: Aug 06 02:07:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 18:43:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	504583	85.458	ng		98
43) 2,4,6-Trichlorophenol	13.02	196	285748	43.510	ng		98
44) 2,4,5-Trichlorophenol	13.09	196	308890	43.107	ng		97
46) 1,1'-Biphenyl	13.42	154	907146	40.476	ng		100
47) 2-Chloronaphthalene	13.46	162	708656	39.640	ng		99
48) 2-Nitroaniline	13.65	65	205912	43.942	ng		98
49) Acenaphthylene	14.30	152	1131030	40.743	ng		98
50) Dimethylphthalate	14.04	163	1111468	50.687	ng		99
51) 2,6-Dinitrotoluene	14.15	165	205960	40.358	ng		91
52) Acenaphthene	14.64	154	800550m	43.695	ng		
53) 3-Nitroaniline	14.47	138	110460	21.833	ng		99
54) 2,4-Dinitrophenol	14.68	184	235222	73.391	ng		93
55) Dibenzofuran	14.98	168	1079369	39.043	ng		98
56) 4-Nitrophenol	14.79	139	365676	83.249	ng		98
57) 2,4-Dinitrotoluene	14.94	165	286112	40.776	ng		95
58) Fluorene	15.62	166	874082	39.041	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	295675	43.807	ng		99
60) Diethylphthalate	15.40	149	877796	40.694	ng		98
61) 4-Chlorophenyl-phenylether	15.62	204	479330	40.992	ng		95
62) 4-Nitroaniline	15.64	138	208519	40.980	ng		98
63) Azobenzene	15.91	77	785023	38.832	ng		99
65) 4,6-Dinitro-2-methylphenol	15.70	198	176009	40.069	ng		89
66) n-Nitrosodiphenylamine	15.84	169	811845	40.380	ng		98
67) 4-Bromophenyl-phenylether	16.51	248	344893	42.031	ng		97
68) Hexachlorobenzene	16.64	284	376302	40.898	ng		97
69) Atrazine	16.78	200	299675	38.708	ng		98
70) Pentachlorophenol	16.98	266	501740	84.043	ng		99
71) Phenanthrene	17.36	178	1413284	38.844	ng		99
72) Anthracene	17.45	178	1457587	40.276	ng		97
73) Carbazole	17.72	167	1347967	38.628	ng		99
74) Di-n-butylphthalate	18.29	149	1482776	40.650	ng		99
75) Fluoranthene	19.37	202	1707428	37.589	ng		99
77) Benzidine	19.54	184	853287	44.829	ng		99
78) Pyrene	19.73	202	1732379	38.369	ng		98
80) Butylbenzylphthalate	20.62	149	698563	42.711	ng		99
81) Benzo(a)anthracene	21.55	228	1744860	38.801	ng		98
82) 3,3'-Dichlorobenzidine	21.47	252	246824	13.217	ng		100
83) Chrysene	21.62	228	1690794	38.382	ng		99
84) Bis(2-ethylhexyl)phthalate	21.48	149	986811	42.202	ng		99
85) Di-n-octyl phthalate	22.66	149	1717531	43.381	ng		100
87) Indeno(1,2,3-cd)pyrene	28.20	276	2379923	41.790	ng	#	95
88) Benzo(b)fluoranthene	23.70	252	1974353	39.455	ng		99
89) Benzo(k)fluoranthene	23.76	252	1853984	37.774	ng		100
90) Benzo(a)pyrene	24.53	252	1819529	39.076	ng		98
91) Dibenzo(a,h)anthracene	28.26	278	1937382	40.694	ng		98
92) Benzo(g,h,i)perylene	29.30	276	1990264	41.394	ng		99

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

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